

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

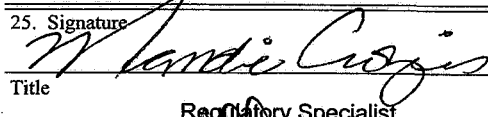
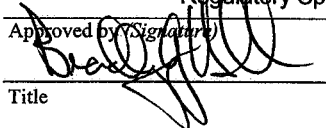
FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-10760
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pleasant Valley Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal H-8-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33754
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 613' FNL 2075' FWL At proposed prod. zone NE/NW 1322' FNL 2632' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 16.4 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1312' f/lse, 2632' f/unit	16. No. of Acres in lease 280.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1252'	13. State UT
19. Proposed Depth 6050'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5244' GL	22. Approximate date work will start* 4th Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/16/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 08-29-07
Title Officer	Officer ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Federal Approval of this  
Action is Necessary

Surf 582592X  
4433454Y  
40.050971  
-110.031732

BLM  
582765X  
4433440Y  
40.049032  
-110.029732

RECEIVED

AUG 20 2007

DIV. OF OIL, GAS & MINING

S89°56'W - 80.04 (G.L.O.)

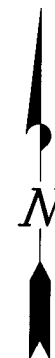
S89°56'W - 80.04 (G.L.O.)

WELL LOCATION, PLEASANT VALLEY  
H-8-9-17, LOCATED AS SHOWN IN THE  
NE 1/4 NW 1/4 OF SECTION 8, T9S,  
R17E, S.L.B.&M. DUCHESNE COUNTY,  
UTAH.



BASIS OF ELEV;  
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

PLEASANT VALLEY H-8-9-17  
(Surface Location) NAD 83  
LATITUDE = 40° 03' 03.48"  
LONGITUDE = 110° 01' 56.92"



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.  
STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 40037  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
180 NORTH VERNAL AVE. — VERNAL, UTAH 84078  
(435) 781-2501

DATE SURVEYED: 05-28-07	SURVEYED BY: K.G.S.
DATE DRAWN: 06-21-07	DRAWN BY: T.C.J.
REVISED:	SCALE: 1" = 1000'

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #H-8-9-17  
AT SURFACE: NE/NW SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**DRILLING PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2085'
Green River	2085'
Wasatch	6050'

**3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 2085' – 6050' - Oil

**4. PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

**6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

**7. AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

**8. TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

**9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY  
PLEASANT VALLEY FEDERAL #H-8-9-17  
AT SURFACE: NE/NW SECTION 8, T9S, R17E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Pleasant Valley Federal #H-8-9-17 located in the NE 1/4 NW 1/4 Section 8, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 13.1 miles  $\pm$  to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.1 miles  $\pm$  to it's junction with an existing road to the northwest; proceed northwesterly - 0.8 miles  $\pm$  to it's junction with the beginning of the access road to the existing Federal 21-8H well location.

**2. PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 21-8H well pad. See attached Topographic Map "B".

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the Federal 21-8H well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Pleasant Valley H-8-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District  
Water Right: 43-10136

Neil Moon Pond  
Water Right: 43-11787

Maurice Harvey Pond  
Water Right: 47-1358

Newfield Collector Well  
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Pleasant Valley H-8-9-17 will be drilled off of the existing Federal 21-8H well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

**Mountain Plover:** If new construction or surface disturbing activities are scheduled to occur between May 1 and June 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be conducted in accordance with the survey protocols outlined in the most recent USFWS Survey Protocol. Surveys must be completed prior to initiating new construction or surface disturbing activities. No new construction or surface disturbing activities will be allowed between March 15 and August 15 within a 0.5 mile radius of any documented mountain plover nest site.

**Reserve Pit Liner**

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Kochia Low  
Crested Wheatgrass

*Agropyron Cristatum*

6 lbs/acre  
6 lbs/acre

**Details of the On-Site Inspection**

The proposed Pleasant Valley Federal #H-8-9-17 was on-sited on 7/25/07. The following were present; Dave Allred (Newfield Production), Chuck MacDonald (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Dave Allred  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

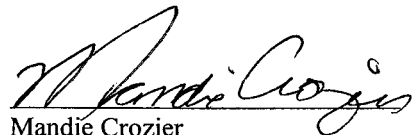
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-8-9-17 NE/NW Section 8, Township 9S, Range 17E: Lease UTU-10760 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/16/07

Date



Mandie Crozier  
Regulatory Specialist  
Newfield Production Company



**Scientific Drilling**  
Rocky Mountain Operations

Project: Duchesne County, UT  
Site: Pleasant Valley H-8-9-17  
Well: Pleasant Valley H-8-9-17  
Wellbore: OH  
Design: Plan #1

**Nowfield Exploration Co.**

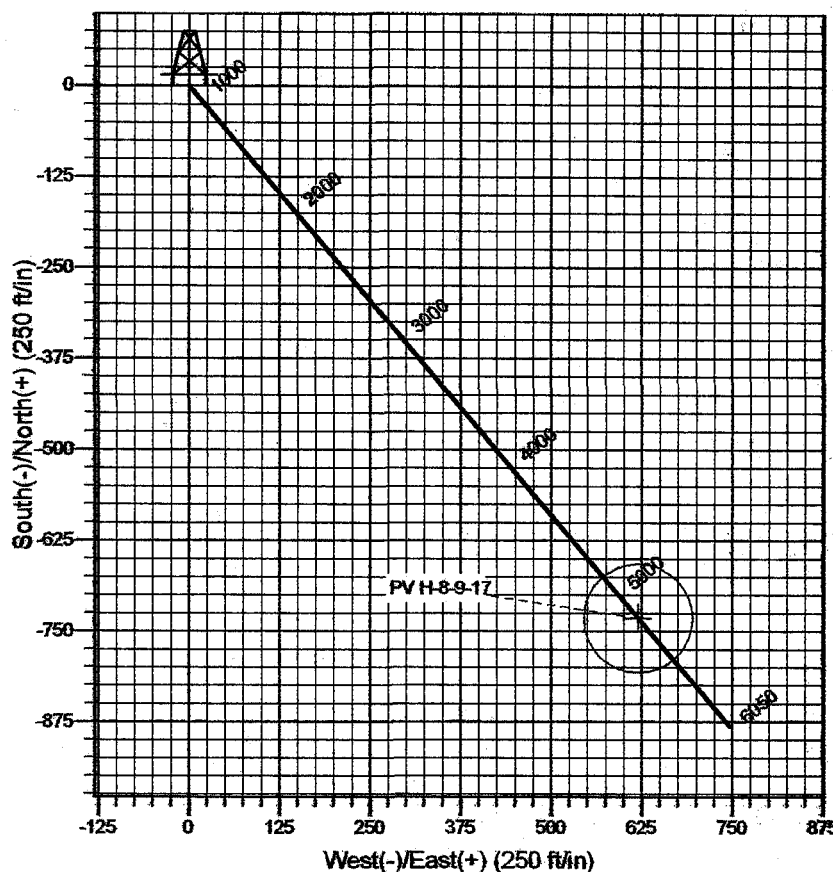
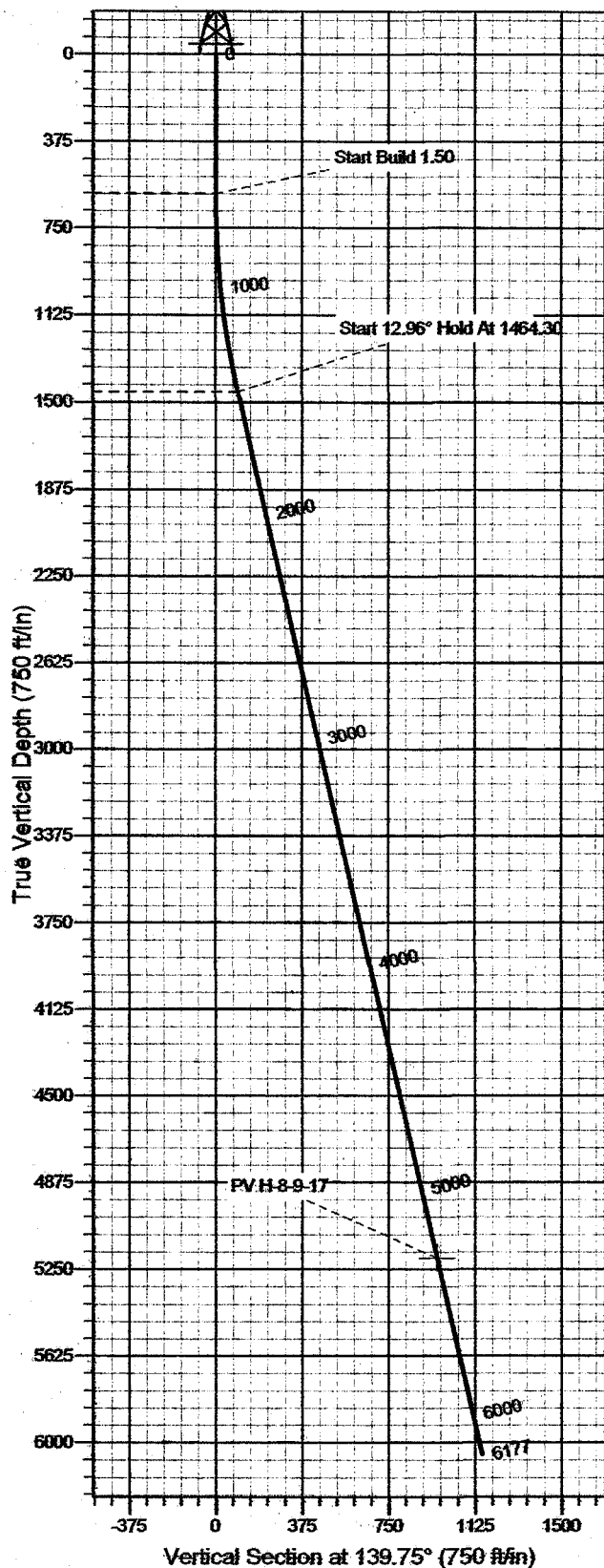


Azimuths to True North  
Magnetic North: 11.79°

Magnetic Field  
Strength: 52685.7nT  
Dip Angle: 65.91°  
Date: 2007-07-26  
Model: IGRF2005-10

WELL DETAILS: Pleasant Valley H-8-9-17

GL 5244' & RKB 12' @ 5256.00ft (NDSI 2) 5244.00 Slot  
+N/-S +E/-W Northing Easting Latitude Longitude  
0.00 0.00 7190672.77 2051203.29 40° 3' 3.480 N 110° 1' 56.920 W



#### FORMATION TOP DETAILS

Plan: Plan #1 (Pleasant Valley H-8-9-17/OH)

Created By: Rex Hall Date: 2007-07-26

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone

System Datum: Mean Sea Level  
Local North: True

#### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1464.30	12.96	139.75	1456.94	-74.31	62.91	1.50	139.75	97.37	
4	5305.26	12.96	139.75	5200.00	-732.00	619.68	0.00	0.00	959.07	PV H-8-9-17
5	6177.50	12.96	139.75	6050.00	-881.35	746.11	0.00	0.00	1154.76	

# **Newfield Exploration Co.**

**Duchesne County, UT**

**Pleasant Valley H-8-9-17**

**Pleasant Valley H-8-9-17**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**26 July, 2007**



# Scientific Drilling Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley H-8-9-17  
**Well:** Pleasant Valley H-8-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:** Well Pleasant Valley H-8-9-17  
**TVD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**MD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

<b>Project</b>	Duchesne County, UT		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Pleasant Valley H-8-9-17, Sec 8 T9S R17E				
<b>Site Position:</b>		<b>Northing:</b>	7,190,672.77 ft	<b>Latitude:</b>	40° 3' 3.480 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,051,203.29 ft	<b>Longitude:</b>	110° 1' 56.920 W
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	in	<b>Grid Convergence:</b>	0.94 °

Well	Pleasant Valley H-8-9-17, 613' FNL & 2075' FWL					
Well Position	+N-S	0.00 ft	Northing:	7,190,672.77 ft	Latitude:	40° 3' 3.480 N
	+E-W	0.00 ft	Easting:	2,051,203.29 ft	Longitude:	110° 1' 56.920 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,244.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2007-07-26	11.79	65.91	52,686

<b>Design</b>	Plan #1				
<b>Audit Notes:</b>					
<b>Version:</b>	<b>Phase:</b>	PLAN		<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	139.75	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,464.30	12.96	139.75	1,456.94	-74.31	62.91	1.50	1.50	0.00	139.75	
5,305.26	12.96	139.75	5,200.00	-732.00	619.68	0.00	0.00	0.00	0.00	PV H-8-9-17
6,177.50	12.96	139.75	6,050.00	-881.35	746.11	0.00	0.00	0.00	0.00	

# Scientific Drilling Planning Report

Database: MultiUserEDM  
Company: Newfield Exploration Co.  
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Site: Pleasant Valley H-8-9-17  
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Design: Plan #1

Local Co-ordinate Reference: Well Pleasant Valley H-8-9-17  
TVD Reference: GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
MD Reference: GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

## Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 1.50</b>									
700.00	1.50	139.75	699.99	-1.00	0.85	1.31	1.50	1.50	0.00
800.00	3.00	139.75	799.91	-4.00	3.38	5.23	1.50	1.50	0.00
900.00	4.50	139.75	899.69	-8.99	7.61	11.77	1.50	1.50	0.00
1,000.00	6.00	139.75	999.27	-15.97	13.52	20.92	1.50	1.50	0.00
1,100.00	7.50	139.75	1,098.57	-24.94	21.11	32.68	1.50	1.50	0.00
1,200.00	9.00	139.75	1,197.54	-35.89	30.39	47.03	1.50	1.50	0.00
1,300.00	10.50	139.75	1,296.09	-48.82	41.33	63.96	1.50	1.50	0.00
1,400.00	12.00	139.75	1,394.16	-63.71	53.93	83.47	1.50	1.50	0.00
1,464.30	12.96	139.75	1,456.94	-74.31	62.91	97.37	1.50	1.50	0.00
<b>Start 12.96° Hold At 1464.30</b>									
1,500.00	12.96	139.75	1,491.73	-80.43	68.09	105.38	0.00	0.00	0.00
1,600.00	12.96	139.75	1,589.18	-97.55	82.58	127.81	0.00	0.00	0.00
1,700.00	12.96	139.75	1,686.64	-114.67	97.08	150.25	0.00	0.00	0.00
1,800.00	12.96	139.75	1,784.09	-131.80	111.57	172.68	0.00	0.00	0.00
1,900.00	12.96	139.75	1,881.54	-148.92	126.07	195.12	0.00	0.00	0.00
2,000.00	12.96	139.75	1,978.99	-166.04	140.56	217.55	0.00	0.00	0.00
2,100.00	12.96	139.75	2,076.44	-183.16	155.06	239.98	0.00	0.00	0.00
2,200.00	12.96	139.75	2,173.89	-200.29	169.56	262.42	0.00	0.00	0.00
2,300.00	12.96	139.75	2,271.34	-217.41	184.05	284.85	0.00	0.00	0.00
2,400.00	12.96	139.75	2,368.79	-234.53	198.55	307.29	0.00	0.00	0.00
2,500.00	12.96	139.75	2,466.24	-251.66	213.04	329.72	0.00	0.00	0.00
2,600.00	12.96	139.75	2,563.69	-268.78	227.54	352.16	0.00	0.00	0.00
2,700.00	12.96	139.75	2,661.14	-285.90	242.03	374.59	0.00	0.00	0.00
2,800.00	12.96	139.75	2,758.60	-303.02	256.53	397.03	0.00	0.00	0.00
2,900.00	12.96	139.75	2,856.05	-320.15	271.02	419.46	0.00	0.00	0.00
3,000.00	12.96	139.75	2,953.50	-337.27	285.52	441.90	0.00	0.00	0.00
3,100.00	12.96	139.75	3,050.95	-354.39	300.02	464.33	0.00	0.00	0.00
3,200.00	12.96	139.75	3,148.40	-371.51	314.51	486.77	0.00	0.00	0.00
3,300.00	12.96	139.75	3,245.85	-388.64	329.01	509.20	0.00	0.00	0.00
3,400.00	12.96	139.75	3,343.30	-405.76	343.50	531.63	0.00	0.00	0.00
3,500.00	12.96	139.75	3,440.75	-422.88	358.00	554.07	0.00	0.00	0.00
3,600.00	12.96	139.75	3,538.20	-440.01	372.49	576.50	0.00	0.00	0.00
3,700.00	12.96	139.75	3,635.65	-457.13	386.99	598.94	0.00	0.00	0.00
3,800.00	12.96	139.75	3,733.11	-474.25	401.48	621.37	0.00	0.00	0.00
3,900.00	12.96	139.75	3,830.56	-491.37	415.98	643.81	0.00	0.00	0.00
4,000.00	12.96	139.75	3,928.01	-508.50	430.47	666.24	0.00	0.00	0.00
4,100.00	12.96	139.75	4,025.46	-525.62	444.97	688.68	0.00	0.00	0.00
4,200.00	12.96	139.75	4,122.91	-542.74	459.47	711.11	0.00	0.00	0.00
4,300.00	12.96	139.75	4,220.36	-559.87	473.96	733.55	0.00	0.00	0.00
4,400.00	12.96	139.75	4,317.81	-576.99	488.46	755.98	0.00	0.00	0.00
4,500.00	12.96	139.75	4,415.26	-594.11	502.95	778.42	0.00	0.00	0.00
4,600.00	12.96	139.75	4,512.71	-611.23	517.45	800.85	0.00	0.00	0.00
4,700.00	12.96	139.75	4,610.16	-628.36	531.94	823.28	0.00	0.00	0.00
4,800.00	12.96	139.75	4,707.61	-645.48	546.44	845.72	0.00	0.00	0.00
4,900.00	12.96	139.75	4,805.07	-662.60	560.93	868.15	0.00	0.00	0.00

# Scientific Drilling

## Planning Report

**Database:** MultiUserEDM  
**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT  
**Site:** Pleasant Valley H-8-9-17  
**Well:** Pleasant Valley H-8-9-17  
**Wellbore:** OH  
**Design:** Plan #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well Pleasant Valley H-8-9-17  
 GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
 GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
 True  
 Minimum Curvature

### Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.00	12.96	139.75	4,902.52	-679.73	575.43	890.59	0.00	0.00	0.00
5,100.00	12.96	139.75	4,999.97	-696.85	589.93	913.02	0.00	0.00	0.00
5,200.00	12.96	139.75	5,097.42	-713.97	604.42	935.46	0.00	0.00	0.00
5,300.00	12.96	139.75	5,194.87	-731.09	618.92	957.89	0.00	0.00	0.00
5,305.26	12.96	139.75	5,200.00	-732.00	619.68	959.07	0.00	0.00	0.00
<b>PV H-8-9-17</b>									
5,400.00	12.96	139.75	5,292.32	-748.22	633.41	980.33	0.00	0.00	0.00
5,500.00	12.96	139.75	5,389.77	-765.34	647.91	1,002.76	0.00	0.00	0.00
5,600.00	12.96	139.75	5,487.22	-782.46	662.40	1,025.20	0.00	0.00	0.00
5,700.00	12.96	139.75	5,584.67	-799.59	676.90	1,047.63	0.00	0.00	0.00
5,800.00	12.96	139.75	5,682.12	-816.71	691.39	1,070.07	0.00	0.00	0.00
5,900.00	12.96	139.75	5,779.58	-833.83	705.89	1,092.50	0.00	0.00	0.00
6,000.00	12.96	139.75	5,877.03	-850.95	720.39	1,114.93	0.00	0.00	0.00
6,100.00	12.96	139.75	5,974.48	-868.08	734.88	1,137.37	0.00	0.00	0.00
6,177.50	12.96	139.75	6,050.00	-881.35	746.11	1,154.76	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
PV H-8-9-17	0.00	0.00	5,200.00	-732.00	619.68	7,189,951.04	2,051,834.90	40° 2' 56.245 N	110° 1' 48.951 W
- plan hits target									
- Circle (radius 75.00)									

### Plan Annotations

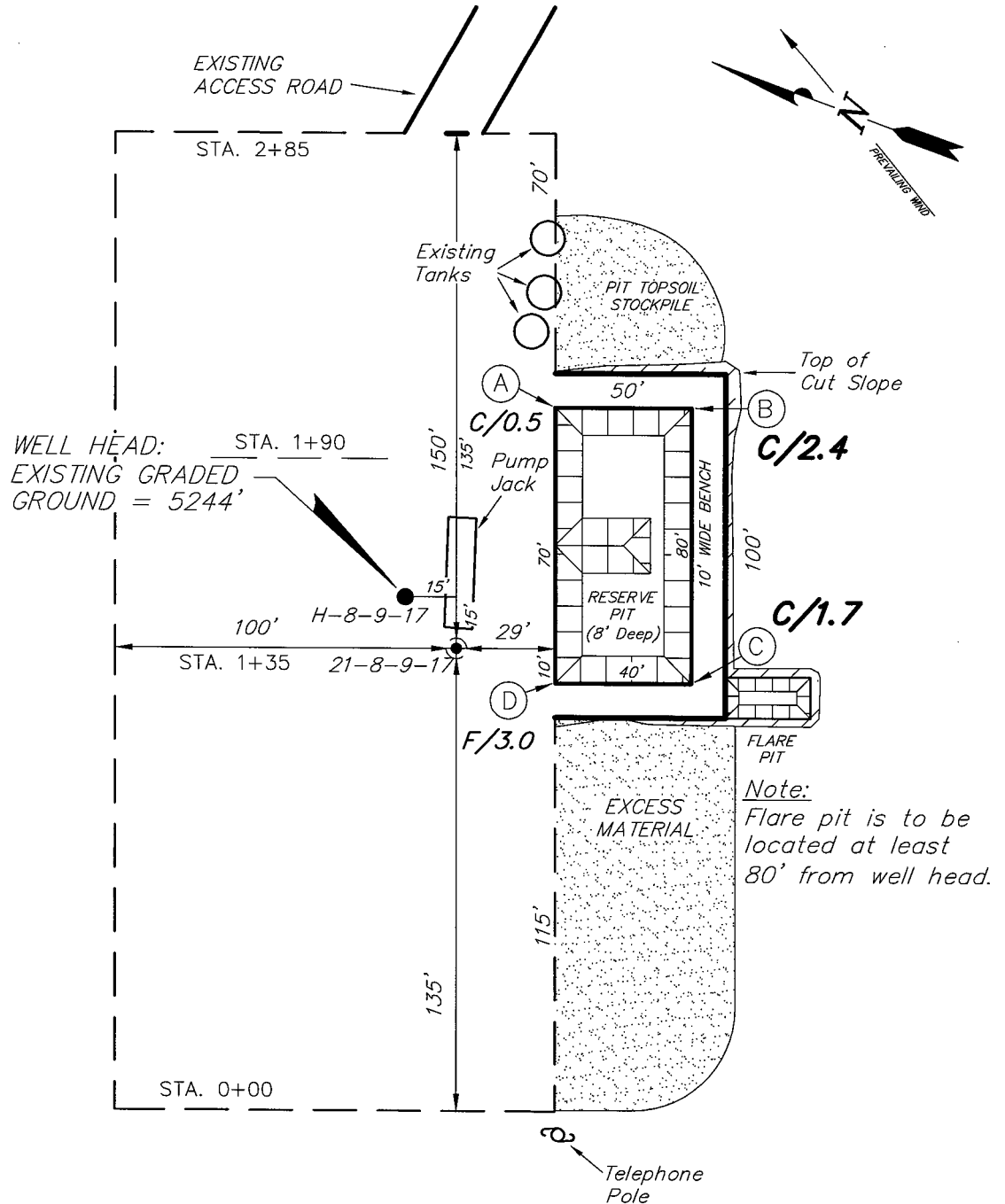
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,464.30	1,456.94	-74.31	62.91	Start 12.96° Hold At 1464.30

# NEWFIELD PRODUCTION COMPANY

PLEASANT VALLEY H-8-9-17 (Proposed Well)

PLEASANT VALLEY 21-8-9-17 (Existing Well)

Pad Location: NENW Section 8, T9S, R17E, S.L.B.&M.



SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 06-21-07

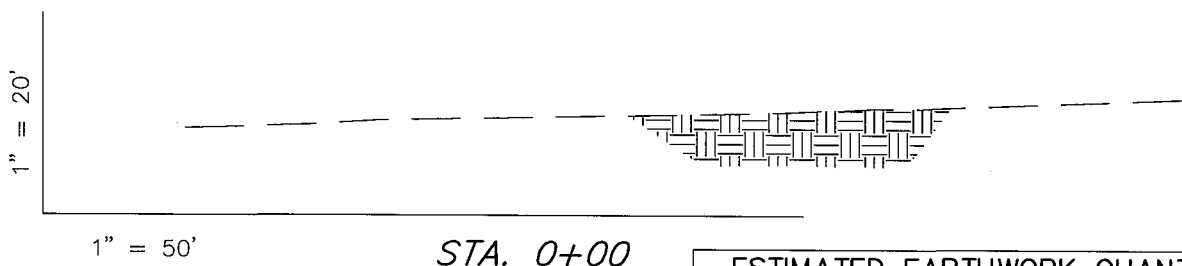
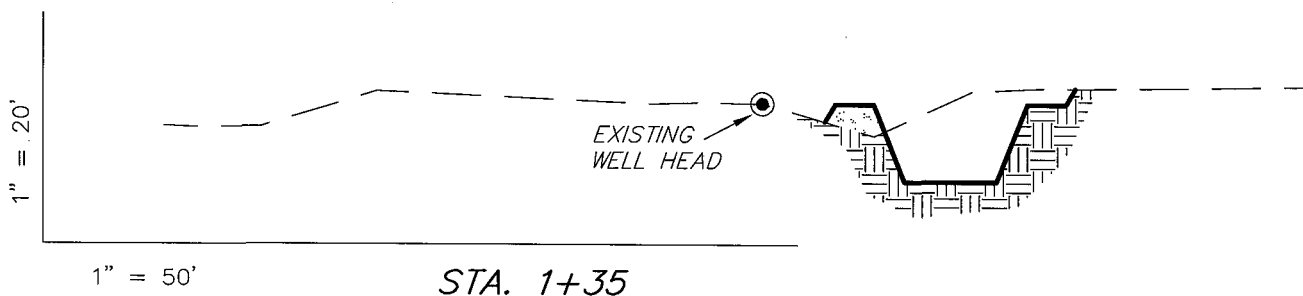
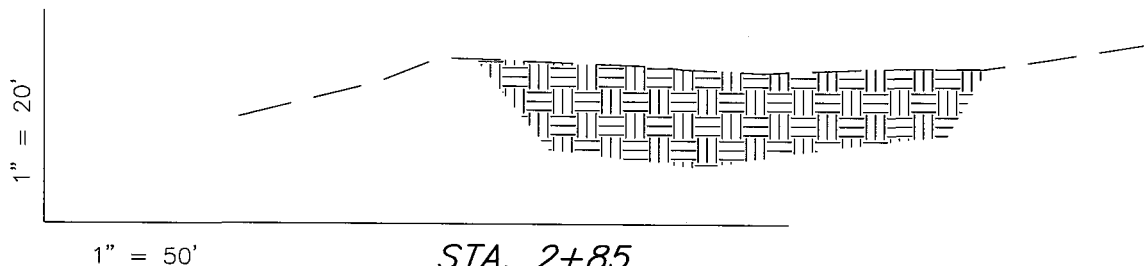
**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

PLEASANT VALLEY H-8-9-17 (Proposed Well)

PLEASANT VALLEY 21-8-9-17 (Existing Well)



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	250	60	Topsoil is not included in Pad Cut	190
PIT	640	0		640
TOTALS	890	60	130	830

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

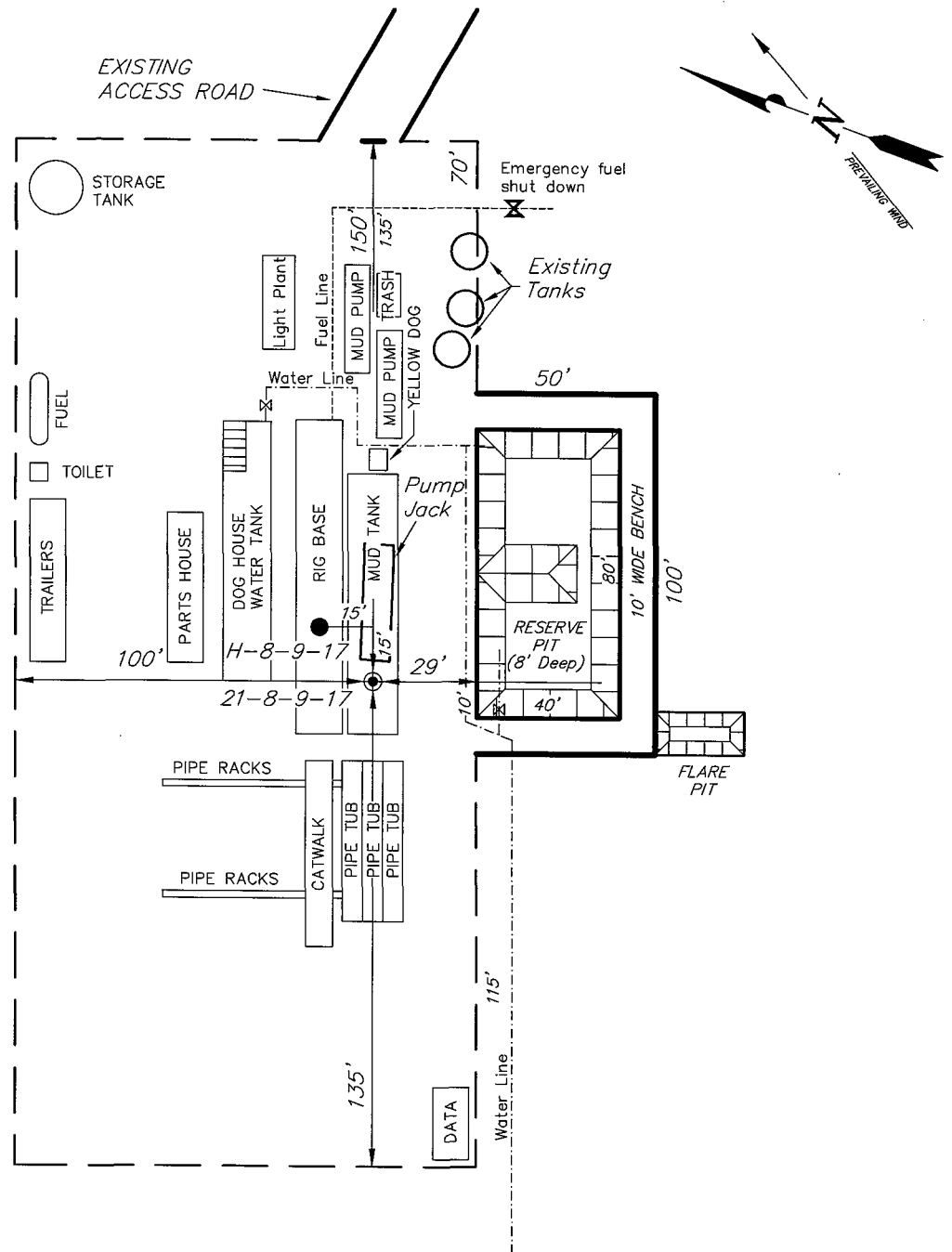
DATE: 06-21-07

**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

PLEASANT VALLEY H-8-9-17 (Proposed Well)  
PLEASANT VALLEY 21-8-9-17 (Existing Well)



REVISED:

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: T.C.J.

DATE: 06-21-07

**Tri State**  
Land Surveying, Inc. (435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

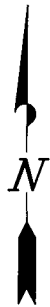
# NEWFIELD PRODUCTION COMPANY

## WELL PAD INTERFERENCE PLAT

PLEASANT VALLEY H-8-9-17 (Proposed Well)

PLEASANT VALLEY 21-8-9-17 (Existing Well)

Pad Location: NENW Section 8, T9S, R17E, S.L.B.&M.



### TOP HOLE FOOTAGES

H-8-9-17 (PROPOSED)  
613' FNL & 2075' FWL

### BOTTOM HOLE FOOTAGES

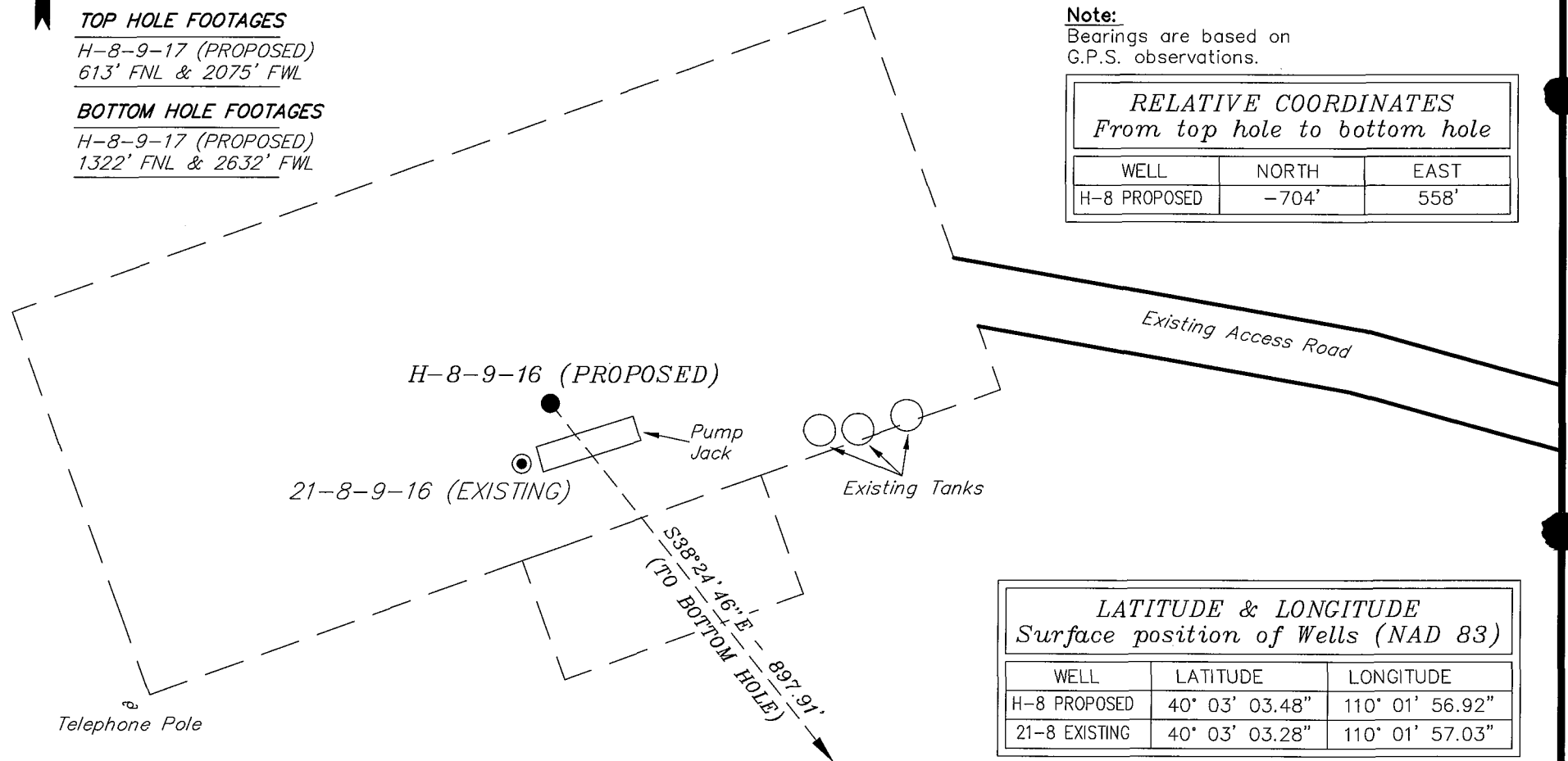
H-8-9-17 (PROPOSED)  
1322' FNL & 2632' FWL

### Note:

Bearings are based on  
G.P.S. observations.

### RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
H-8 PROPOSED	-704'	558'



### LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
H-8 PROPOSED	40° 03' 03.48"	110° 01' 56.92"
21-8 EXISTING	40° 03' 03.28"	110° 01' 57.03"

SURVEYED BY: K.G.S.	DATE SURVEYED: 05-28-07
DRAWN BY: T.C.J.	DATE DRAWN: 06-21-07
SCALE: 1" = 50'	REVISED:

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# Lowfield Production Company

## Proposed Site Facility Diagram

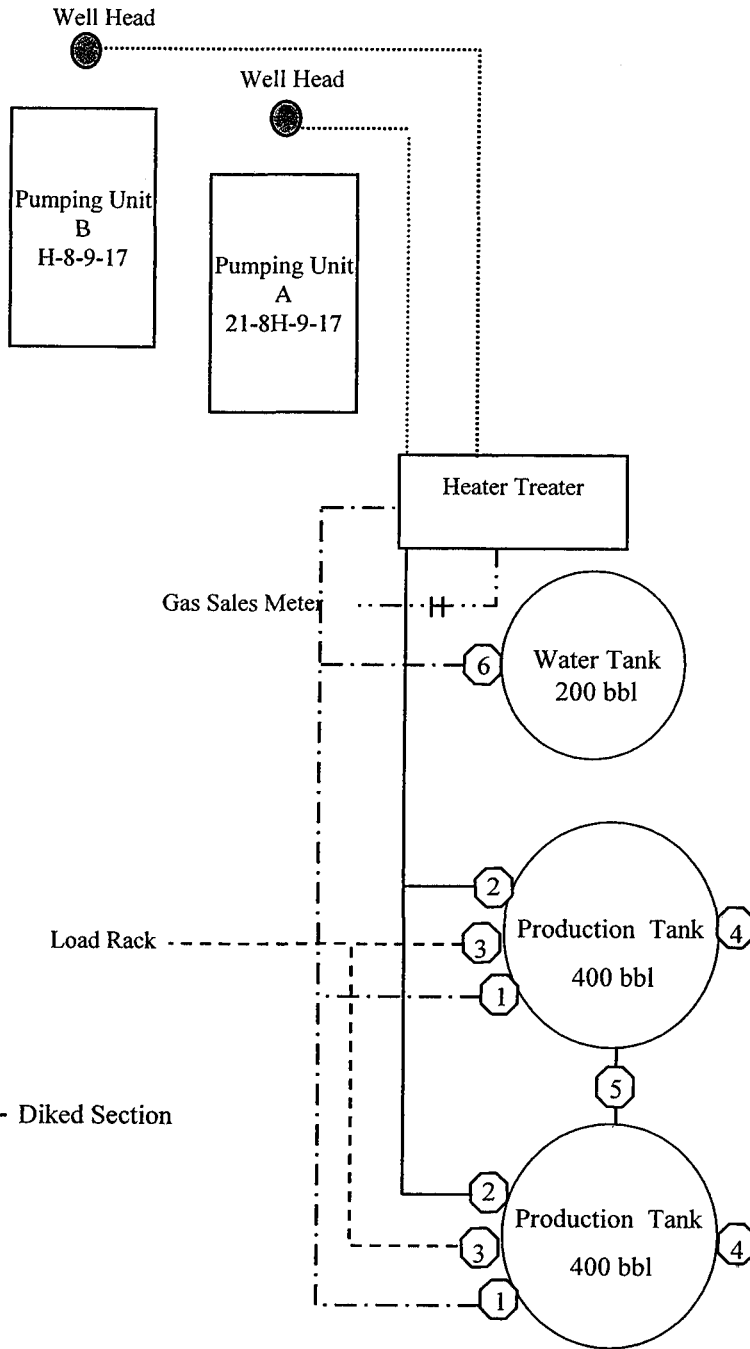
Pleasant Valley Federal H-8-9-17

From the Federal 21-8H Location

NE/NW Sec. 8 T9S, 17E

Duchesne County, Utah

UTU-10760



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

### Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

### Sales Phase:

- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

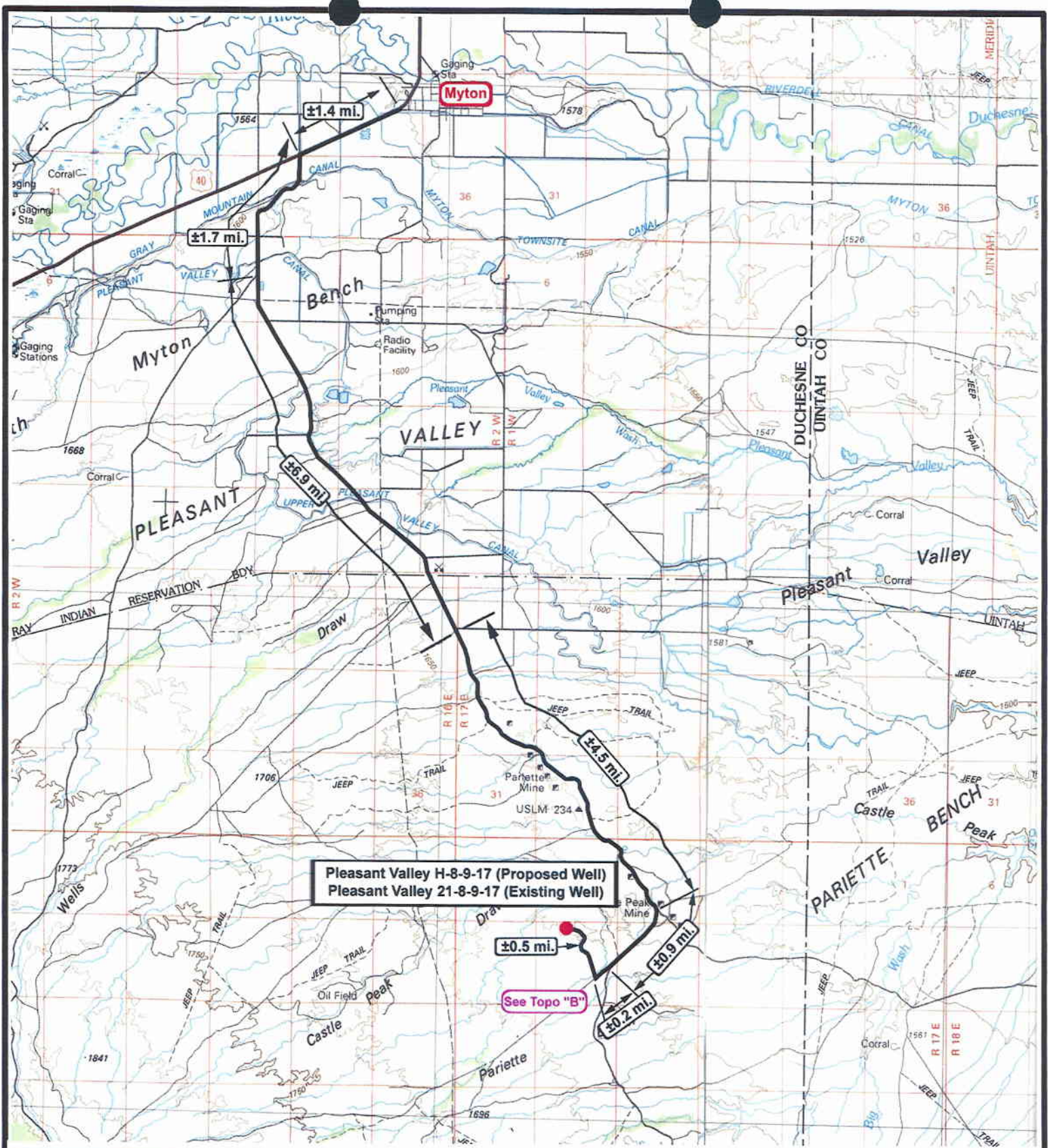
### Draining Phase:

- 1) Valves 1 and 6 open

### Legend

Emulsion Line	.....
Load Rack	-----
Water Line	- . - . - .
Gas Sales	.....
Oil Line	—————





**NEWFIELD**  
Exploration Company

**Pleasant Valley H-8-9-17 (Proposed Well)**  
**Pleasant Valley 21-8-9-17 (Existing Well)**  
Pad Location: NENW SEC. 8, T9S, R17E, S.L.B.&M.



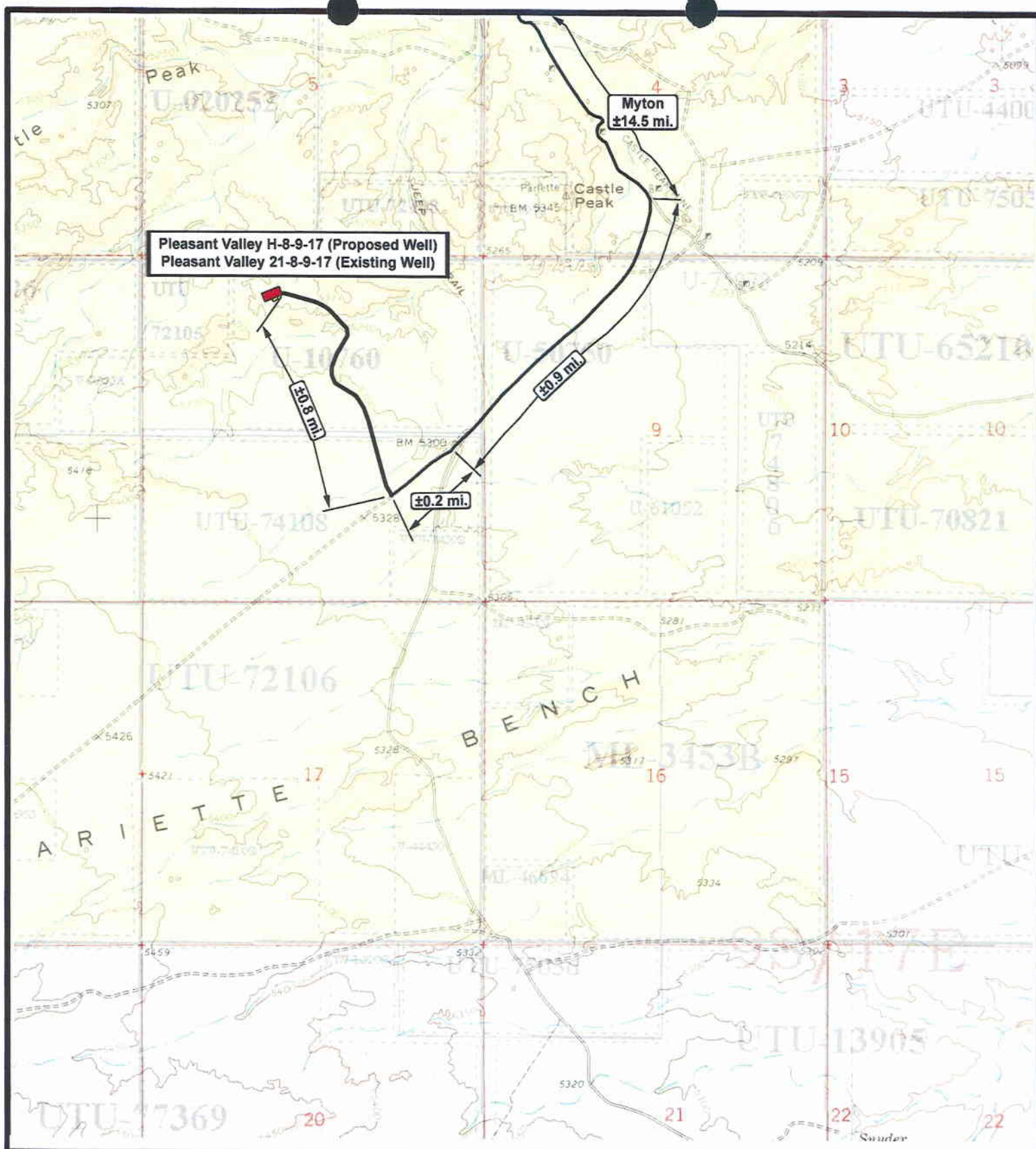
**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: TCJ  
DATE: 06-27-2007

**Legend**  
Existing Road  
Proposed Access

**TOPOGRAPHIC MAP**  
**"A"**





**NEWFIELD**  
Exploration Company

**Pleasant Valley H-8-9-17 (Proposed Well)**  
**Pleasant Valley 21-8-9-17 (Existing Well)**  
Pad Location: NENW SEC. 8, T9S, R17E, S.L.B.&M.



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'  
DRAWN BY: TCJ  
DATE: 06-27-2007

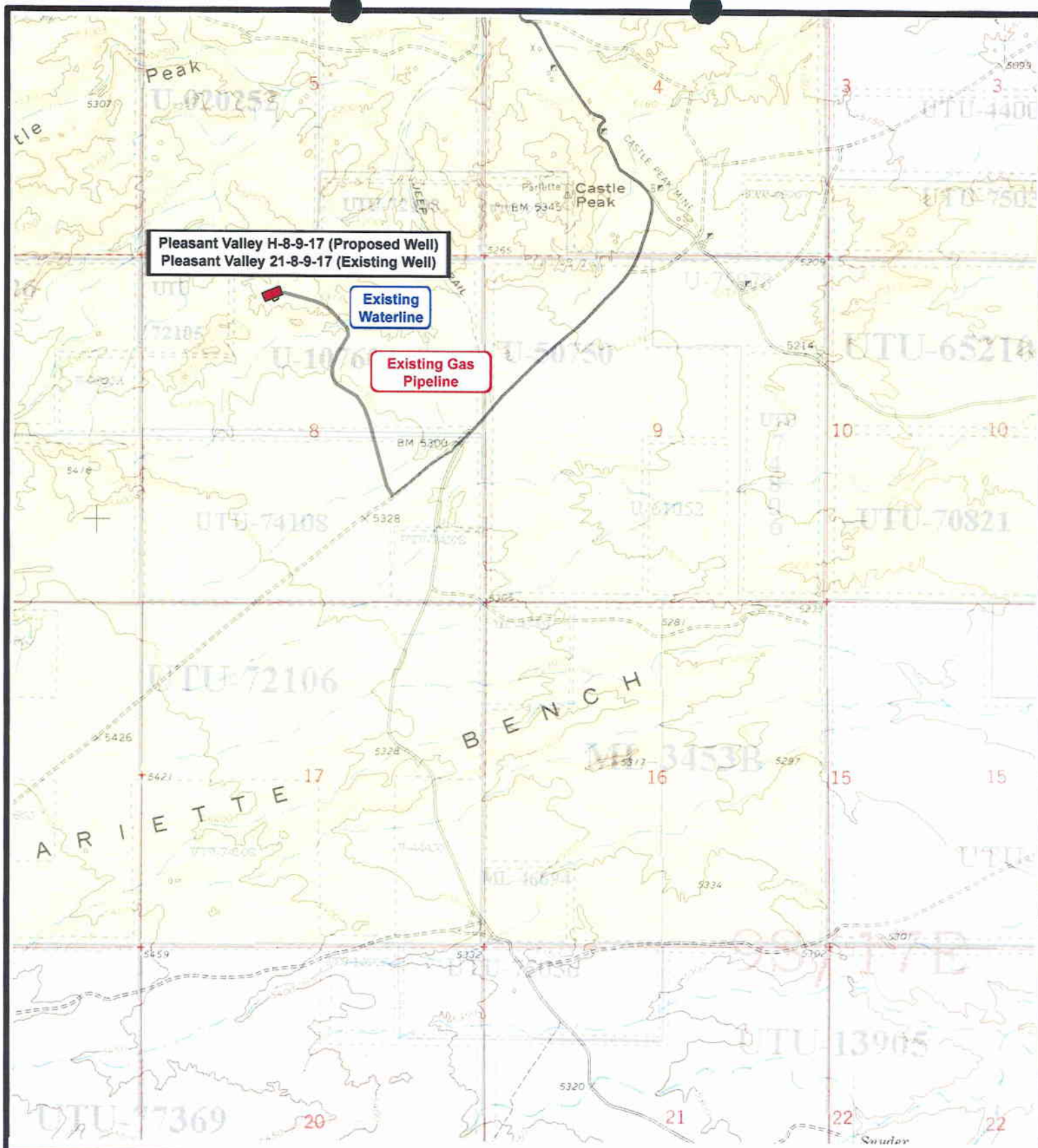
**Legend**

Existing Road

TOPOGRAPHIC MAP

**"B"**





**NEWFIELD**  
Exploration Company

**Pleasant Valley H-8-9-17 (Proposed Well)**  
**Pleasant Valley 21-8-9-17 (Existing Well)**  
 Pad Location: NENW SEC. 8, T9S, R17E, S.L.B.&M.



 (435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

**SCALE: 1" = 2,000'**

DRAWN BY: TCJ

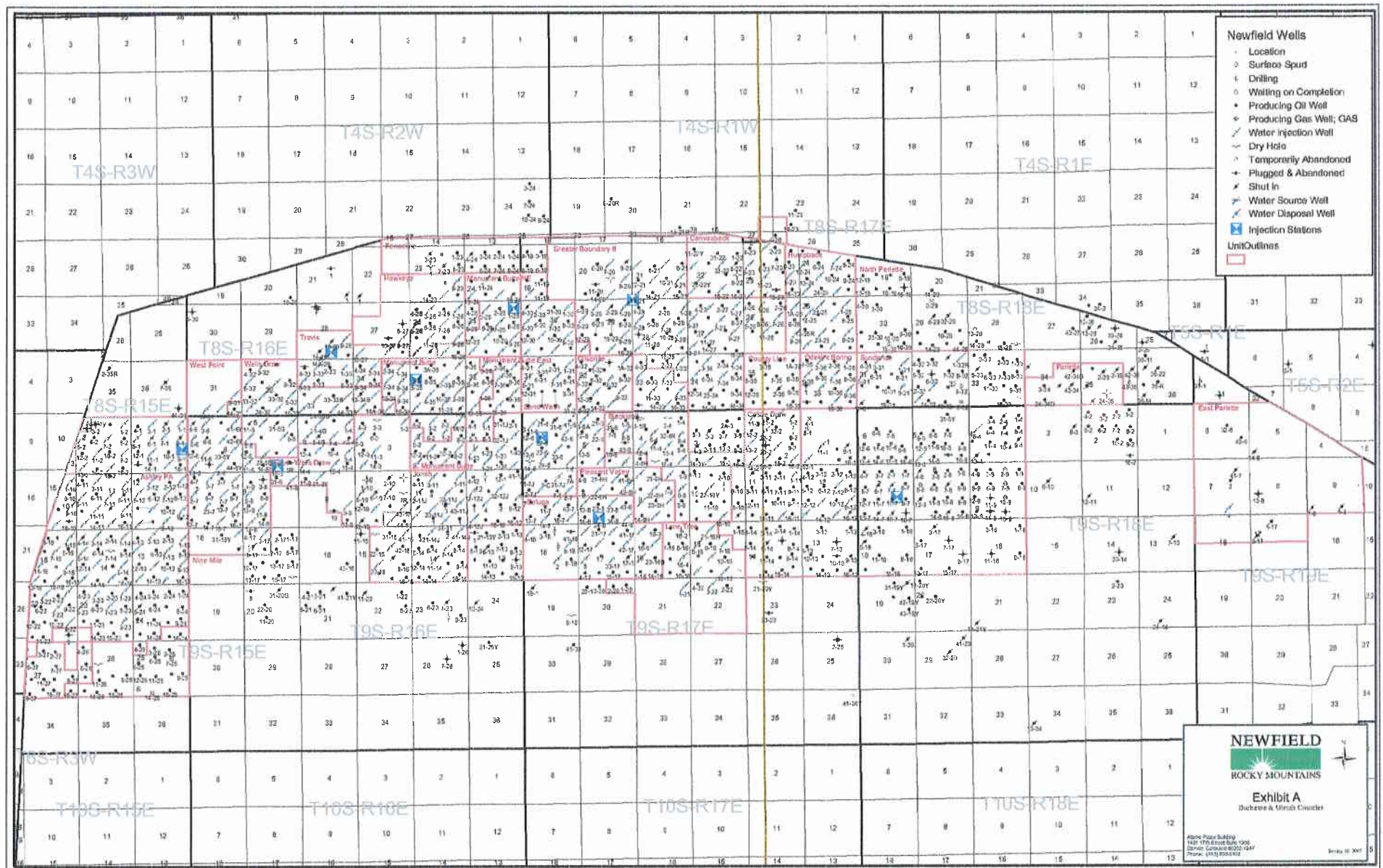
DATE: 06-27-2007

### Legend

**Existing Road**

# TOPOGRAPHIC MAP

"C"







# 2-M SYSTEM

Blowout Prevention Equipment Systems

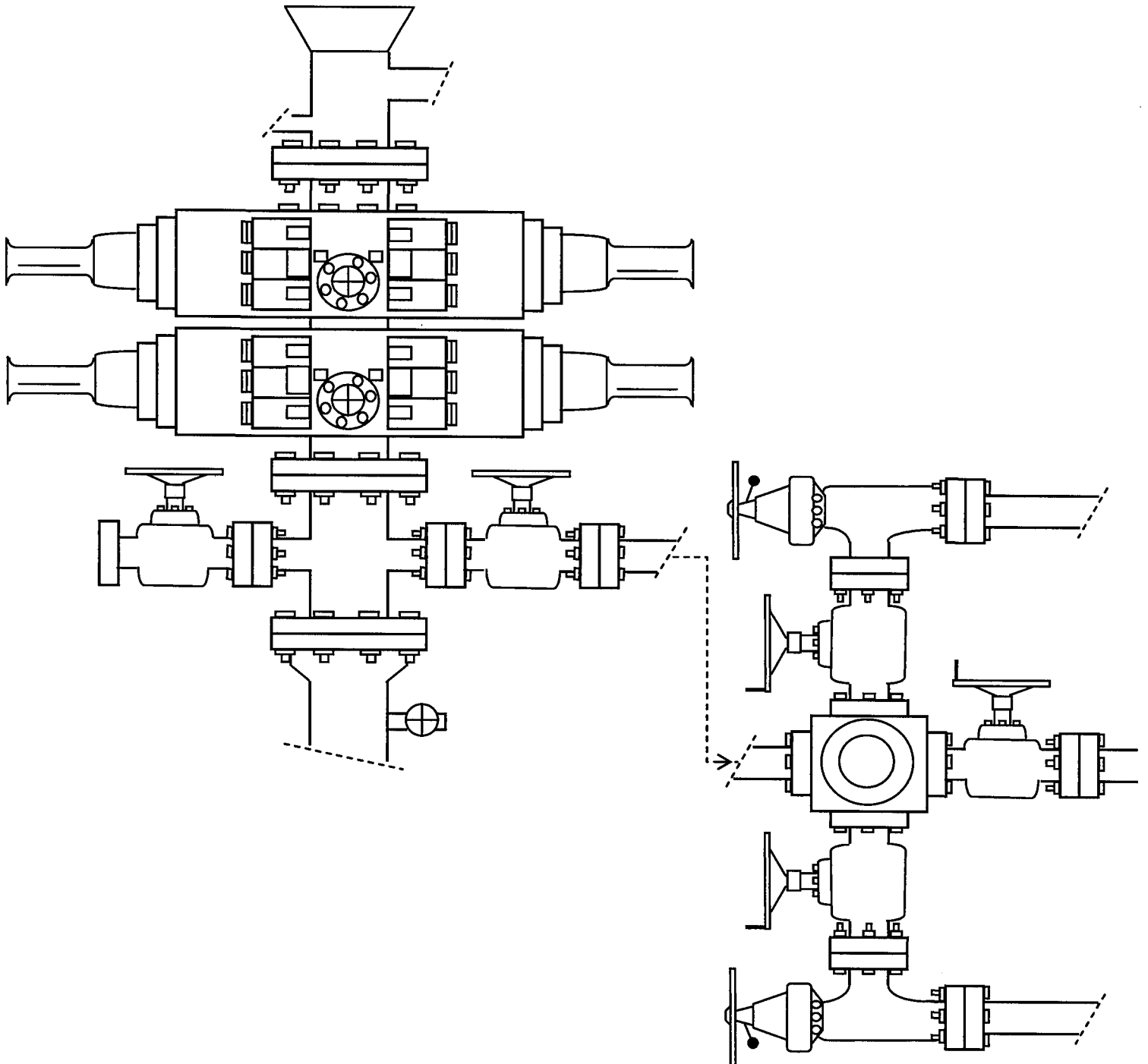


EXHIBIT C

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/20/2007

API NO. ASSIGNED: 43-013-33754

WELL NAME: PLEASANT VLY FED H-8-9-17

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

NENW 08 090S 170E

SURFACE: 0613 FNL 2075 FWL

BOTTOM: 1322 FNL 2632 FWL

COUNTY: DUCHESNE

LATITUDE: 40.05097 LONGITUDE: -110.0317

UTM SURF EASTINGS: 582592 NORTHINGS: 4433654

FIELD NAME: MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-10760

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

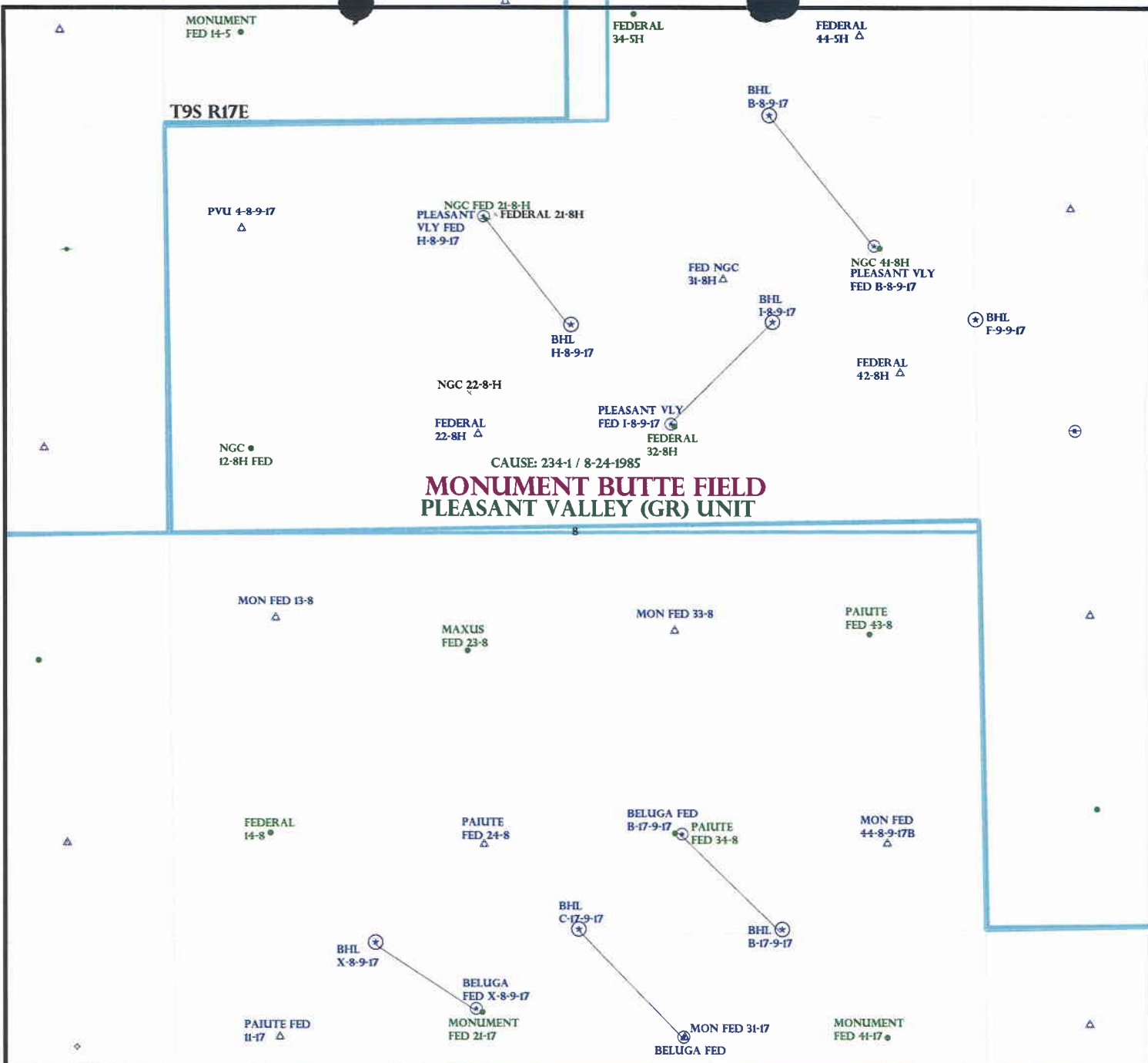
☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UTB000192 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-10136 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit: PLEASANT VALLEY (GR)  
\_\_\_ R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 2341  
Eff Date: 8-24-1985  
Siting: 460' from qtr & 920' from other wells.  
☒ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 8 T.9S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 234-1 / 8-24-1985

#### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

#### Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 29-AUGUST-2007





August 23, 2007

State of Utah, Division of Oil, Gas and Mining  
ATTN: Diana Mason  
PO Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
**Pleasant Valley Federal H-8-9-17**  
Pleasant Valley Unit  
UTU-74477X  
Surface Hole: T9S R17E, Section 8: NE/4NW/4  
613' FNL 2075' FWL  
Bottom Hole: T9S R16E, Section 8: NE/4NW/4  
1322' FNL 2632' FWL  
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated July 31, 2007, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Pleasant Valley Federal Unit UTU-74477X. Newfield certifies that it is the Pleasant Valley Unit Operator and all lands within 460 feet of the entire directional well bore are within the Pleasant Valley Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at [reveland@newfield.com](mailto:reveland@newfield.com). Your consideration of this matter is greatly appreciated.

Sincerely,  
NEWFIELD PRODUCTION COMPANY

*Roxann Eveland*  
Roxann Eveland  
Land Associate

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-10760

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.  
Pleasant Valley Unit

8. Lease Name and Well No.  
Pleasant Valley Federal H-8-9-17

9. API Well No.

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Newfield Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

10. Field and Pool, or Exploratory  
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NE/NW 613' FNL 2075' FWL  
At proposed prod. zone NE/NW 1322' FNL 2632' FWL

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 8, T9S R17E

14. Distance in miles and direction from nearest town or post office\*  
Approximately 16.4 miles southeast of Myton, Utah

12. County or Parish  
Duchesne

13. State  
UT

15. Distance from proposed\*  
location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1312' f/line, 2632' f/unit

16. No. of Acres in lease  
280.00

17. Spacing Unit dedicated to this well  
20 Acres

18. Distance from proposed location\*  
to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 1252'

19. Proposed Depth  
6050'

20. BLM/BIA Bond No. on file  
UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
5244' GL

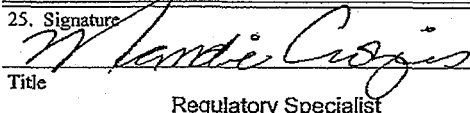
22. Approximate date work will start\*  
4th Quarter 2007

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
  
Title  
Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Date  
8/16/07

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

RECEIVED

AUG 27 2007

DIV. OF OIL, GAS & MINING

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 29, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2007 Plan of Development Pleasant Valley  
Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Pleasant Valley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
43-013-33754	Pleasant Valley Fed H-8-9-17 Sec 8 T09S R17E 0613 FNL 2075 FWL	BHL Sec 8 T09S R17E 1322 FNL 2632 FWL
43-013-33755	Pleasant Valley Fed I-8-9-17 Sec 8 T09S R17E 1975 FNL 2002 FEL	BHL Sec 8 T09S R17E 1321 FNL 1326 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Pleasant Valley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:8-29-07



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

August 29, 2007

Newfield Production Company  
Rt. #3, Box 3630  
Myton, UT 84052

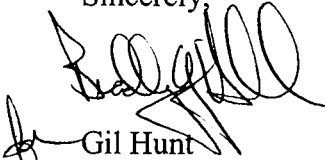
Re: Pleasant Valley Federal H-8-9-17 Well, Surface Location 613' FNL, 2075' FWL,  
NE NW, Sec. 8, T. 9 South, R. 17 East, Bottom Location 1322' FNL, 2632' FWL,  
NE NW, Sec. 8, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33754.

Sincerely,

  
Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company

Well Name & Number Pleasant Valley Federal H-8-9-17

API Number: 43-013-33754

Lease: UTU-10760

Surface Location: NE NW Sec. 8 T. 9 South R. 17 East

Bottom Location: NE NW Sec. 8 T. 9 South R. 17 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED  
VERNAL FIELD OFFICE

2007 AUG 20 PM 1:57

Form 3160-3  
(September 2001)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEPT. OF THE INTERIOR  
BUREAU OF LAND MGMT.

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-10760
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Pleasant Valley Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Pleasant Valley Federal H-8-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-33754
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NW 613' FNL 2075' FWL At proposed prod. zone NE/NW 1322' FNL 2632' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 16.4 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 8, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1312' f/lse, 2632' f/unit	16. No. of Acres in lease 280.00	12. County or Parish Duchesne
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1252'	17. Spacing Unit dedicated to this well 20 Acres	13. State UT
19. Proposed Depth 6050'	20. BLM/BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5244' GL	22. Approximate date work will start* 4th Quarter 2007	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/16/07
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) James Kewick	Date 11-27-2007
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

UDOGM

NOTICE OF APPROVAL

RECEIVED

DEC 05 2007

DIV. OF OIL, GAS & MINING

NOS 7/9/07

07PP 2362A



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company Location: NENW, Sec. 8, T9S, R17E (S)  
NENW, Sec. 8, T9S, R17E (B)  
Well No: Pleasant Valley Federal H-8-9-17 Lease No: UTU-10760  
API No: 43-013-33754 Agreement: Pleasant Valley Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

***Surface COAs:***

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

***Site Specific COAs:***

- **Timing Restrictions:** The proposed area contains Mountain Plover habitat. With this occurrence there will be a time restriction from May 15 – June 15.
- All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- The reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.



- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- The interim seed mix for this location shall be:

Kochia	<i>Kochia prostratum</i>	6 lbs/acre
Crested Wheatgrass	<i>Agropyron cristatum</i>	6 lbs/acre

- All pounds are in pure live seed.
  - Rates are set for drill seeding; double the rate if broadcasting.
  - Reseeding may be required if initial seeding is not successful.
- The operator will be responsible for treatment and control of invasive and noxious weeds.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread , and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.

- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.

***DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL***

**SITE SPECIFIC DOWNHOLE COAs:**

- None

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from

KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Wellogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## **OPERATING REQUIREMENT REMINDERS:**

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: Newfield Production Company

Well Name: Pleasant Vly Fed H-8-9-17

API No: 43-013-33754 Lease Type: Federal

Section 08 Township 09S Range 17E County Duchesne

Drilling Contractor Ross Rig Rig # 21

### **SPUDDED:**

Date 2-23-08

Time 9:00 AM

How Dry

***Drilling will Commence:*** \_\_\_\_\_

Reported by Alvin Nelson

Telephone # 435-823-7468

Date 2-26-08 Signed RM



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTOM, UT 84052

OPERATOR ACCT. NO. N2695

RECEIVED

FEB 28 2008

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	16720	4301333686	Ute Tribal 10-21-4-1	NWSE	21	4S	1W	Duchesne	2/22/2008	2/28/08
WELL 1 COMMENTS: GRV											
A	99999	12277	4301333755	Pleasant Valley Federal I-8-9-17	SWNE	8	9S	17E	Duchesne	2/23/2008	2/28/08
WELL 2 COMMENTS: GRV BHL = SW NE											
A	99999	12277	4301333754	Pleasant Valley Federal H-8-9-17	NENW NESE	8	9S	17E	Duchesne	2/23/2008	2/28/08
WELL 3 COMMENTS: GRV BHL = NENW											
A	99999	16721	4301333086	Federal 8-24-9-16	SENE	24	9S	16E	Duchesne	2/25/2008	2/28/07
WELL 4 COMMENTS: GRV											
A	99999	16722	4301333338	Federal 9-24-9-16	NESE	24	9S	16E	Duchesne	2/27/2008	2/28/07
WELL 5 COMMENTS: GRV											
A											
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)  
A - 1 new entry for new well (single well only)  
B - well to existing entry (group or well well)  
C - from one existing entry to another existing entry  
D - well from one existing entry to a new entry  
E - other (explain in comments section)

  
Signature

Tammi Lee

Production Clerk

02/28/08

Date

NOTE: Use COMMENT section to explain why each Action Code was selected.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
Pleasant Valley Fed H-8-9-17  
6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
PLEASANT VALLEY UNIT

8. Well Name and No.  
PLSNT VLY FED H-8-9-17

9. API Well No.  
4301333754

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 8 T9S R17E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 2/23/08, MIRU Ross Rig # 24. Spud well @ 9:00 AM. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 304.19 KB On 2/28/08 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/Typed)

Alvin Nielsen, M.I.

Signature

Title

Drilling Foreman

Date

02/29/2008

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAR 03 2008

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

Approved by \_\_\_\_\_  
 Casing set at approval, if \_\_\_\_\_  
 certain that the applicant is \_\_\_\_\_  
 which would justify the \_\_\_\_\_

**LAST CASING** 8 5/8" **SET AT** 304.19'

**DATUM** 12" KB

**DATUM TO CUT OFF CASING** \_\_\_\_\_

**DATUM TO BRADENHEAD FLANGE** \_\_\_\_\_

**TD DRILLER** 303' **LOGGER** \_\_\_\_\_

**HOLE SIZE** 12 1/4

**OPERATOR** NewField Production Company

**WELL** Pleasant Valley Fed H-8-9-17

**FIELD/PROSPECT** Monument Butte

**CONTRACTOR & RIG #** Ross Rig #24

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 39.32'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	292.34
		<b>GUIDE</b> shoe			8rd	A	0.9
<b>CASING INVENTORY BAL.</b>		<b>FEET</b>	<b>JTS</b>	<b>TOTAL LENGTH OF STRING</b>			294.19
<b>TOTAL LENGTH OF STRING</b>		294.19	7	<b>LESS CUT OFF PIECE</b>			2
<b>LESS NON CSG. ITEMS</b>		1.85		<b>PLUS DATUM TO T/CUT OFF CSG</b>			12
<b>PLUS FULL JTS. LEFT OUT</b>		0		<b>CASING SET DEPTH</b>			<b>304.19</b>
<b>TOTAL</b>		292.34	7	} COMPARE			
<b>TOTAL CSG. DEL. (W/O THRDS)</b>		292.34	7				
<b>TIMING</b>		1ST STAGE					
<b>BEGIN RUN CSG.</b>		Spud 9:00 AM	2/23/2008	<b>GOOD CIRC THRU JOB</b> YES			
<b>CSG. IN HOLE</b>		2:30 PM	2/23/2008	<b>Bbls CMT CIRC TO SURFACE</b> 5			
<b>BEGIN CIRC</b>		8:33 AM	2/28/2008	<b>RECIPROCATED PIPE FOR</b> _____ <b>THRU</b> _____ <b>FT STROKE</b>			
<b>BEGIN PUMP CMT</b>		8:41 AM	2/28/2008	N/A			
<b>BEGIN DSPL CMT</b>		9:00 AM	2/28/2008	<b>BUMPED PLUG TO</b> 563 _____ <b>PSI</b>			
<b>PLUG DOWN</b>		9:08 AM	2/28/2008				

<b>CEMENT USED</b>		<b>CEMENT COMPANY-</b> <b>B. J.</b>
<b>STAGE</b>	<b># SX</b>	<b>CEMENT TYPE &amp; ADDITIVES</b>
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield
<b>CENTRALIZER &amp; SCRATCHER PLACEMENT</b>		<b>SHOW MAKE &amp; SPACING</b>
Centralizers - Middle first, top second & third for 3		

**COMPANY REPRESENTATIVE** Alvin Nielsen **DATE** 2/29/2008

**BEGIN PUMP CMT**

**BEGIN DSPL CMT**

**PLUG DOWN**

**CEMENT USED**

**STAGE**

**# SX**

**CEMENT TYPE & ADDITIVES**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address: Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section 8 T9S R17E

5. Lease Serial No.

USA UTU-10760

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

PLEASANT VALLEY UNIT

8. Well Name and No.

PLSNT VLY FED H-8-9-17

9. API Well No.

4301333754

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 3/3/08 MIRU NDSI Rig # 2. Set all equipment. Pressure test 3/4/08 Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8 625 csqn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,070'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 142 jt's of 5.5 J-55, 15.5# csqn. Set @ 6065' / KB. Cement with 300 sks cement mixed @ 11.0 ppg & 3.49 yld. Then 425 sks cement mixed @ 14.4 ppg & 1.24 yld. With 19 bbls cement returned to pit. Nipple down Bop's. Drop slips @105,000 #'s tension. Release rig 3:30 PM 3/11/08

I hereby certify that the foregoing is true and correct (Printed/Typed)

Alvin Nielsen

Signature

out cement

Title

Drilling Foreman

Date

03/11/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**  
**MAR 13 2008**  
DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6065.44

Flt cllr @ 6021.48

LAST CASING 8 5/8" SET # 304.19'

OPERATOR Newfield Production Company

DATUM 12' KB

WELL Pleasant Valley Federal H-8-9-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE

CONTRACTOR & RIG # NDSI #2

TD DRILLER 6060' Loggers 6058

HOLE SIZE 7 7/8"

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3968' (5.64')					
142	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6009.48
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.71
LAST CASING		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6067.44
TOTAL LENGTH OF STRING		6067.44	145	LESS CUT OFF PIECE			14
LESS NON CSG ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS LEFT OUT		210.39	5	CASING SET DEPTH			6065.44
HOLE SIZE TOTAL		6262.58	148	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6262.58	148				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3/11/2008	1:30 AM	GOOD CIRC THRU JOB YES			
CSG. IN HOLE		3/11/2008	6:30 AM	Bbls CMT CIRC TO SURFACE 19			
BEGIN CIRC		3/11/2008	6:30 AM	RECIPROCATED PIPE FOR THRUSTROKE NA			
BEGIN PUMP CMT		3/11/2008	9:22 AM	DID BACK PRES. VALVE HOLD ? YES			
BEGIN DSPL. CMT		3/11/2008	10:19 AM	BUMPED PLUG TO 2090 PSI			
PLUG DOWN		3/11/2008	10:47 AM				
CEMENT USED		CEMENT COMPANY- B. J.					
STAGE INV #SX		CEMENT TYPE & ADDITIVES					
TOTAL TANK 300		Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake					
LESS NON CSG		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
PLUS 2 FULL JTS 425		50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian

DATE 3/10/2008

CEMENT USED

STAGE INV

TOTAL 1 TANK

LESS NON CSG

PLUS 2 FULL JTS

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-10760
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: PLSNT VLY FED H-8-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 8, T9S, R17E		9. API NUMBER: 4301333754
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
04/17/2008	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 04/07/08, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 04/17/2008

(This space for State use only)

RECEIVED

APR 24 2008

DIV. OF OIL, GAS & MINING

**Daily Activity Report**

Format For Sundry

**PLSNT VLY FED H-8-9-17****1/1/2008 To 5/30/2008****3/27/2008 Day: 1****Completion**

Rigless on 3/26/2008 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5973' & cement top @ 60'. Perforate stage #1, CP5 @ 5841-48' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 28 shots. 144 BWTR. SWIFN.

**4/1/2008 Day: 2****Completion**

Rigless on 3/31/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 24,881#'s of 20/40 sand in 373 bbls of Lightning 17 frac fluid. Open well w/ 45 psi on casing. Perfs broke down @ 3369 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2393 w/ ave rate of 23.1 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2159. 517 bbls EWTR. Leave pressure on well. RU Perforators LLC. WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite flow through frac plug & 5', 6' perf guns. Set plug @ 5770'. Perforate CP3 sds @ 5691-96', 5672-78' w/ 3-1/8" Slick Guns ( 19 gram, .49"HE, 120°) w/ 4 spf for total of 44 shots. RU BJ & frac stage #2 w/ 14,950#'s of 20/40 sand in 283 bbls of Lightning 17 frac fluid. Open well w/ 1750 psi on casing. Perfs broke down @ 1861 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2235 w/ ave rate of 25.4 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1948. 800 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 15', 18' perf guns. Set plug @ 5615' (mis fired). Perforate CP1 sds @ 5540-55' CP.5 sds @ 5504-22' w/ 4 spf for total of 132 shots. RU BJ. Perfs broke down @ 3608 psi. Pump 30 gals of Techna Hib chemical. 60 bbls away shut down, frac head has leak on nipple. Set solid plug @ 5605'. Flow well back. Weld nipple on well head. RU BJ & frac stage #3 w/ 6000#'s of 20/40 sand in 437 bbls of Lightning 17 frac fluid. Open well w/ 1515 psi on casing. Shut down frac head has leak on nipple. Displace sand in perfs w/ 132 bbls slick water. ISIP was 1728. RU WLT. Set solid plug @ 5460'. 1348 bbls EWTR. RD BJ & WLT. Decision made to move rig in & change well head & drlg out plug before continue frac on stage #3. SIFN.

**4/2/2008 Day: 3****Completion**

Western #4 on 4/1/2008 - MIRUSU. Thaw well out. Open well w/ 0 pi on casing. RD Cameron BOP's & frac head. Instal different frac head & set of double ram Cameron BOP's. RU 4-3/4" Chomp bit & bit sub. Tally, pick up & TIH w/ new J-55, 2-7/8", 6.5# tbg of trailer. Tag plug @ 5460'. RU swivel, pump & tanks. Drlg out plug. TIH w/ tbg to tag plug @ 5605'. Circulate well clean. TOOH w/ tbg. Well flowing 1/2 bpm. SIFN.

**4/3/2008 Day: 4****Completion**

Western #4 on 4/2/2008 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP1 & CP.5 sds, stage #3 w/ 104,979#'s of 20/40 sand in 831 bbls of Lightning 17 frac fluid. Open well w/ 1250 psi on casing. Perfs took fluid @ 1449 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2137 @ ave rate of 25.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. 2179 bbls EWTR.

ISIP was 2383. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 5170'. Perforate A1 sds @ 5066-80' w/ 4 spf for total of 56 shots. RU BJ & frac stage #4 w/ 80,728#'s of 20/40 sand in 623 bbls of Lightning 17 frac fluid. Open well w/ 1688 psi on casing. Perfs broke down @ 1801 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1972 @ ave rate of 26.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. 2802 bbls EWTR. ISIP was 2030. Leave pressure on well. RU WLT. RIH w/ frac plug & 10' perf gun. Set plug @ 4812'. Perforate D2 sds @ 4700-10' w/ 4 spf for total of 40 shots. RU BJ & frac stage #5 w/ 40,689#'s of 20/40 sand in 399 bbls of Lightning 17 frac fluid. Open well w/ 1710 psi on casing. Perfs broke down @ 1834 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 2075 @ ave rate of 26.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. 3201 bbls EWTR. ISIP was 1995. Leave pressure on well. RU WLT. RIH w/ frac plug & 9' perf gun. Set plug @ 4302'. Perforate GB6 sds @ 4192-4201' w/ 4 spf for total of 36 shots. RU BJ & frac stage #6 w/ 45,082#'s of 20/40 sand in 419 bbls of Lightning 17 frac fluid. Open well w/ 1711 psi on casing. Perfs broke down @ 2605 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1956 @ ave rate of 25.9 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. 3620 bbls EWTR. ISIP was 1840. Leave pressure on well. RU WLT. RIH w/ frac plug & 13' perf gun. Set plug @ 4140'. Perforate GB2 sds @ 4076-89' w/ 4 spf for total of 52 shots. RU BJ & frac stage #7 w/ 55,695#'s of 20/40 sand in 445 bbls of Lightning 17 frac fluid. Open well w/ 1654 psi on casing. Perfs broke down @ 2084 psi. Pump 30 gals of Techna Hib chemical. Treated @ ave pressure of 1976 @ ave rate of 26.9 bpm w/ 8 ppg of sand. 3620 bbls EWTR. ISIP was 1877. RD BJ & WLT. Flow well back. Well flowed for hours & died w/ bbls rec'd. SIFN.

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4/4/2008 Day: 5

Completion

Western #4 on 4/3/2008 - Open well w/ 850 psi on casing. RU Perforators LLC. WLT & lubricator. RIH w/ 5-1/2" (6K) solid composite plug & set @ 4017'. RD WLT. RD Cameron BOP's & frac head. Instal 3K prduction tbg head & Schaefer BOP's. RU 4-3/4" new Chomp bit & bit sub. TIH w/ tbg to tag plug @ 4017'. RU swivel, pump & tanks. Drlg out kill plug. TIH w/ tbg to tag plug @ 4140'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4302'. Drlg out plug #2. TIH w/ tbg to tag plug @ 4812'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5170'. Drlg out plug #4. SIFN.

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4/5/2008 Day: 6

Completion

Western #4 on 4/4/2008 - Open well w/ 650 psi on casing. TIH w/ tbg to tag fill @ 5590'. RU swivel, pump & tanks. C/O to plug @ 5605'. Drlg out plug #5. TIH w/ tbg to tag plug @ 5615'. Drlg out plug #6. TIH w/ tbg to tag plug @ 5770'. Drlg out plug #7. TIH w/ tbg to tag sand @ 5912'. C/O to PBTD @ 6021'. LD 2 jts tbg. RU swab & made 2 runs. RU well to flow. Flow well for 3 hours to rec'd 160 bbls of fluid (25% oil cut). SIFN.

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4/8/2008 Day: 7

Completion

Western #4 on 4/7/2008 - Open well w/ 900 psi on casing. TIH w/ tbg to tag no new fill. Circulate to PBTD @ 6021'. Circulate 130 bbls of 10# brine water. TOOH w/ tbg. LD bit & bit sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI 45,000# shear, 185 jts tbg. RD BOP's. Set TA @ 5823' w/ 16,000#'s tension w/ SN @ 5857', EOT @ 5921'. Flush tbg w/ 130 bbls of brine water. Pick up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 16 x 19.5' RHAC new CDI pump w/ 172" SL, 4- 1-1/2" weight rods, 230-7/8" guided (8 per), 1-1/2" x 26" polished rod. SIFN.

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4/9/2008 Day: 8

Completion



**Western #4 on 4/8/2008 - Unhang horse head. Instal different bridle. POP @ 11AM  
@ 5 spm w/ 122" SL. RDMOSU. Final Report.**

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**Pertinent Files: Go to File List**

(See other instructions on reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

Federal

8. FARM OR LEASE NAME, WELL NO.

Pleasant Valley Federal H-8-9-17

9. WELL NO.

43-013-33754

10. FIELD AND POOL OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 8, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface 613' FNL & 2075' FWL (NE/NW) Sec. 8, T9S, R17E

At top prod. Interval reported below

At total depth

1389' fml 2561' fe1

14. API NO.

43-013-33754

DATE ISSUED

08/29/07

15. DATE SPUDDED

02/23/08

16. DATE T.D. REACHED

03/10/08

17. DATE COMPL. (Ready to prod.)

04/08/08

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

5296' GL

5308' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6060' 5955

21. PLUG BACK T.D., MD & TVD

6021' 5916

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

Green River 4076'-5848'

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	304'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6065'	7-7/8"	300 sx Premlite II and 425 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5921'	5823'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
(CP5) 5841'-48'	.49"	4/28	5841'-5848'
(CP3) 5691'-96', 5672'-78'	.49"	4/44	5672'-5696'
(CP1 & .5) 5540'-55', 5504'-22'	.49"	4/132	5504'-5555'
(A1) 5066'-5080'	.49"	4/56	5066'-5080'
(D2) 4700'-4710'	.49"	4/40	4700'-4710'
(GB6) 4192'-4201'	.49"	4/36	4192'-4201'
(GB2) 4076'-4089'	.49"	4/52	4076'-4089'

33.\* PRODUCTION

DATE FIRST PRODUCTION 04/20/08	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 19.5' RHAC SM Plunger Pump	WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 04/29/08	HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL--BBL. GAS--MCF. WATER--BBL. GAS-OIL RATIO	184 0 13
FLOW. TUBING PRESS.	CASING PRESSURE CALCULATED 24-HOUR RATE OIL--BBL. GAS--MCF. WATER--BBL.	RECEIVED MAY 27 2008

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

DIV. OF OIL, GAS & MINING

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Production Tech

DATE

5/14/2008

Jentri Park

JP

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	<div>NAME</div> <div>MEAS. DEPTH</div> <div>TOP</div> <div>TRUE VERT. DEPTH</div>
			<div>Well Name</div> <div>Pleasant Valley Federal H-8-9-17</div>	<div>Garden Gulch Mkr</div> <div>3627'</div> <div>Garden Gulch 1</div> <div>3824'</div> <div>Garden Gulch 2</div> <div>3939'</div> <div>Point 3 Mkr</div> <div>4218'</div> <div>X Mkr</div> <div>4452'</div> <div>Y-Mkr</div> <div>NP</div> <div>Douglas Creek Mkr</div> <div>4616'</div> <div>BiCarbonate Mkr</div> <div>4850'</div> <div>B Limestone Mkr</div> <div>4964'</div> <div>Castle Peak</div> <div>5496'</div> <div>Basal Carbonate</div> <div>5918'</div> <div>Wasatch</div> <div>Total Depth (LOGGERS)</div> <div>6058'</div>

# NEWFIELD



Well Name: Pleasant Valley H-8-9-17

LOCATION: S8, T9S, R17E

COUNTY/STATE: Duchesne

API: 43-013-33754

Spud Date: 2-23-08

TD: 6061'

CSG: 3-11-08

POP: 4-8-08

DATE	HRS	Oil (bbls)	Water (bbls)	Recovered Water (bbls)	Gas (mcf)	Casing Pressure (psi)	SPM	Comments
4/8/2008				2440				POP @ 11:00 A.M. w/ 122" SL @ 5 SPM. 2440 Total water to recover.
4/9/2008	24			2440		50	5	
4/10/2008	24			2440		50	5	
4/11/2008	24			2440		80	5	
4/12/2008	24			2440		80	5	
4/13/2008	24			2440		118	5	
4/14/2008	24			2440		118	5	
4/15/2008	24			2440		160	5	
4/16/2008	12			2440		130	0	Down - Powerband broke
4/17/2008	20			2440		80	5	Down - replaced belts on pumping unit
4/18/2008	24			2440		52	5	
4/19/2008	24			2440		58	5	
4/20/2008	24	60	124	2316		65	5	
4/21/2008	24			2316		80	5	
4/22/2008	24			2316		80	5	
4/23/2008	24			2316		57	5	
4/24/2008	15	135	1	2315		51	5	Down - mechanical
4/25/2008	24	159	10	2305		57	5	
4/26/2008	24	159	10	2295		57	5	
4/27/2008	24	174	20	2275		10	5	
4/28/2008	24	182	16	2259		10	5	
4/29/2008	24	184	13	2246		12	5	
4/30/2008	24	158	29	2217		10	5	
5/1/2008				2217				
5/2/2008				2217				
5/3/2008				2217				
5/4/2008				2217				
5/5/2008				2217				
5/6/2008				2217				
5/7/2008				2217				
5/8/2008				2217				
5/9/2008				2217				
		1211	223		0			

74409



**Scientific  
Drilling**

## Directional Survey Certification

7327 West Barton Road  
Casper, WY 82604  
(307)-472-6621 Fax (307) 472-5439

RE: _____	Newfield Exploration Co.	Operator
_____	Pleasant Valley H-8-9-17	Well Name & No.
_____	Duchesne County, UT	County & State
_____	41DEF0803171	SDI Job No.

I, Julie Cruse, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 375 feet to a measured depth of 6060 feet is true and correct as determined from all available records.

Julie Cruse  
Signature

Rockies Region Engineer  
Title

Scientific Drilling International  
Company

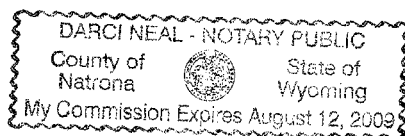
State of : Wyoming }  
County of : Natrona } ss

On this 20<sup>th</sup> day of March, 2008, before me personally appeared Julie Cruse to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Darci Neal  
Notary Public

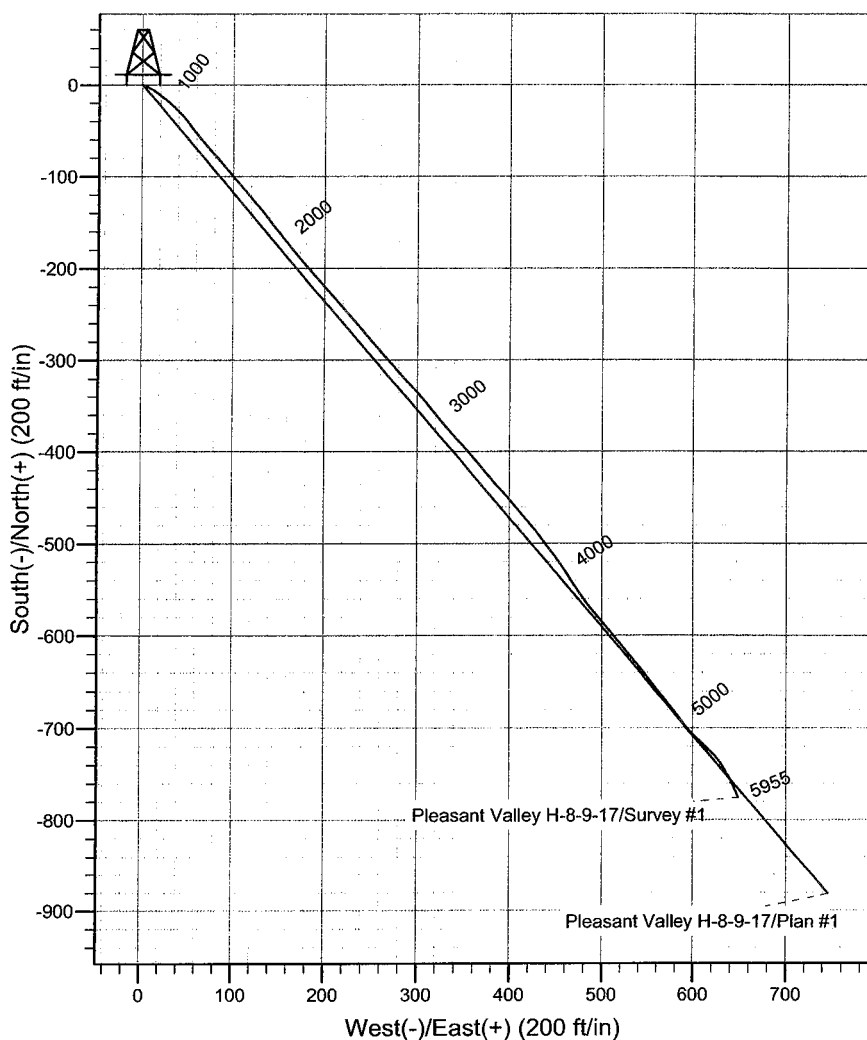
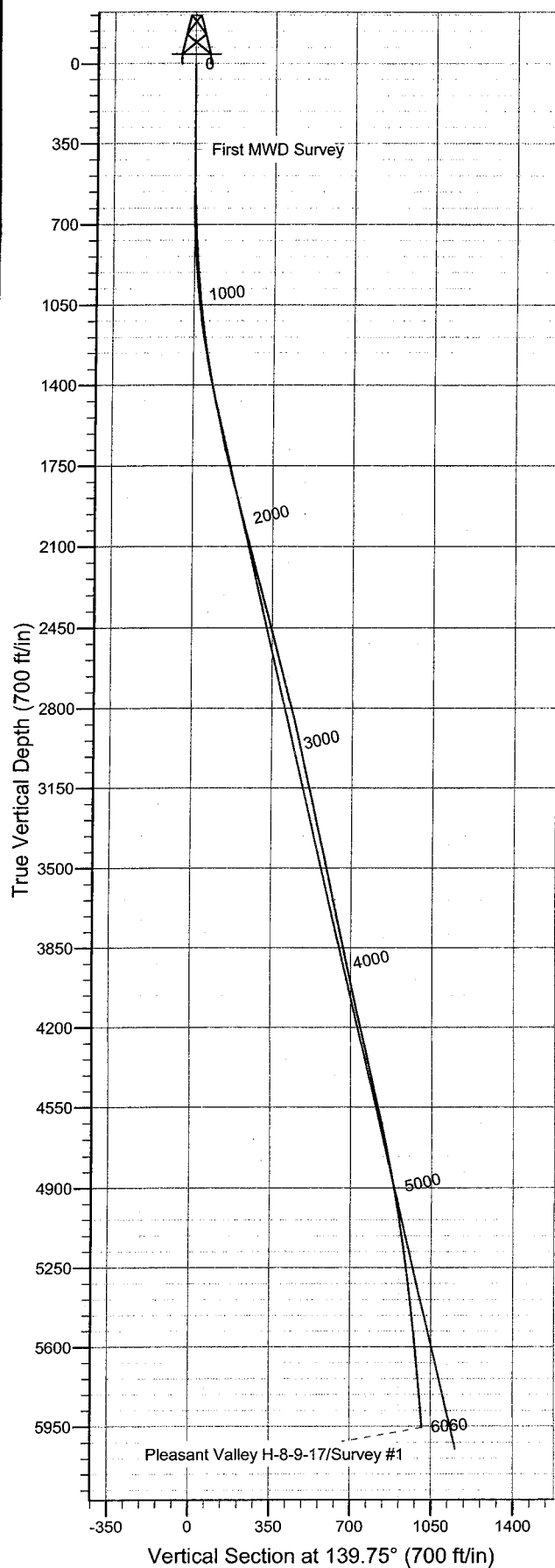
Aug 12, 2009  
My Commission Expires





Project: Duchesne County, UT NAD83 UTC  
 Site: Pleasant Valley H-8-9-17  
 Well: Pleasant Valley H-8-9-17  
 Wellbore: OH  
 Design: OH

Newfield Exploration Co.



WELL DETAILS: Pleasant Valley H-8-9-17

		Ground Level: GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	7190672.77	2051203.29	40° 3' 3.480 N	110° 1' 56.920 W

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well Pleasant Valley H-8-9-17, True North  
Vertical (TVD) Reference: GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
Section (VS) Reference: Slot - (0.00N, 0.00E)  
Measured Depth Reference: GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
Calculation Method: Minimum Curvature  
Local North: True  
Location: Sec 8 T9S R17E

**PROJECT DETAILS:** Duchesne County, UT NAD83 U

Geodetic System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone: Utah Central Zone

Survey: Survey #1 (Pleasant Valley H-8-9-17/OH)

Created By: Julie Cruse    Date: 2007-03-19

# **Newfield Exploration Co.**

**Duchesne County, UT NAD83 UTC**

**Pleasant Valley H-8-9-17**

**Pleasant Valley H-8-9-17**

**OH**

**Survey: Survey #1**

## **Standard Survey Report**

**19 March, 2008**

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley H-8-9-17  
**Well:** Pleasant Valley H-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley H-8-9-17  
**TVD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**MD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

<b>Project</b>	Duchesne County, UT NAD83 UTC		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

Site	Pleasant Valley H-8-9-17, Sec 8 T9S R17E				
Site Position:		Northing:	7,190,672.77 ft	Latitude:	40° 3' 3.480 N
From:	Lat/Long	Easting:	2,051,203.29 ft	Longitude:	110° 1' 56.920 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.94 °

Well	Pleasant Valley H-8-9-17, 613' FNL & 2075' FWL					
Well Position	+N/-S	0.00 ft	Northing:	7,190,672.77 ft	Latitude:	40° 3' 3.480 N
	+E/-W	0.00 ft	Easting:	2,051,203.29 ft	Longitude:	110° 1' 56.920 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,244.00 ft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2005-10	2008-03-02	11.71	65.90	52,629

<b>Design</b>	OH				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	139.75	

<b>Survey Program</b>	<b>Date</b> 2008-03-18				
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
375.00	6,060.00	Survey #1 (OH)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375.00	0.11	330.99	375.00	0.31	-0.17	-0.35	0.03	0.03	0.00
406.00	0.27	62.12	406.00	0.37	-0.12	-0.37	0.95	0.52	293.97
436.00	0.24	205.88	436.00	0.35	-0.09	-0.33	1.62	-0.10	479.20
467.00	0.27	115.65	467.00	0.26	-0.05	-0.23	1.17	0.10	-291.06
498.00	1.05	122.26	498.00	0.08	0.25	0.10	2.52	2.52	21.32
528.00	1.29	129.52	527.99	-0.28	0.75	0.70	0.94	0.80	24.20
559.00	1.63	108.07	558.98	-0.64	1.44	1.42	2.06	1.10	-69.19
590.00	1.89	111.37	589.97	-0.97	2.33	2.24	0.90	0.84	10.65
620.00	2.61	113.80	619.94	-1.42	3.42	3.29	2.42	2.40	8.10
651.00	2.64	113.69	650.91	-1.99	4.72	4.57	0.10	0.10	-0.35
682.00	3.10	123.47	681.87	-2.74	6.07	6.01	2.16	1.48	31.55
713.00	3.24	120.38	712.82	-3.65	7.52	7.65	0.71	0.45	-9.97



# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley H-8-9-17  
**Well:** Pleasant Valley H-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley H-8-9-17  
**TVD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**MD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
743.00	3.07	115.63	742.78	-4.42	8.98	9.18	1.04	-0.57	-15.83
774.00	3.25	116.64	773.73	-5.18	10.51	10.74	0.61	0.58	3.26
805.00	3.86	121.71	804.67	-6.12	12.19	12.54	2.21	1.97	16.35
835.00	3.80	124.62	834.60	-7.21	13.86	14.46	0.68	-0.20	9.70
867.00	4.14	126.95	866.53	-8.51	15.66	16.61	1.18	1.06	7.28
899.00	4.78	129.03	898.43	-10.05	17.62	19.05	2.06	2.00	6.50
929.00	5.14	131.73	928.32	-11.73	19.59	21.61	1.43	1.20	9.00
961.00	5.21	126.20	960.19	-13.54	21.83	24.44	1.57	0.22	-17.28
991.00	5.71	126.70	990.05	-15.24	24.13	27.22	1.67	1.67	1.67
1,023.00	6.20	129.43	1,021.88	-17.28	26.74	30.47	1.77	1.53	8.53
1,054.00	6.06	128.47	1,052.70	-19.37	29.32	33.72	0.56	-0.45	-3.10
1,085.00	6.70	131.99	1,083.51	-21.59	31.94	37.12	2.42	2.06	11.35
1,117.00	6.98	132.13	1,115.28	-24.15	34.77	40.90	0.88	0.87	0.44
1,148.00	7.42	133.84	1,146.04	-26.80	37.61	44.75	1.58	1.42	5.52
1,180.00	8.08	136.39	1,177.75	-29.86	40.65	49.05	2.33	2.06	7.97
1,211.00	8.68	138.80	1,208.41	-33.19	43.70	53.57	2.24	1.94	7.77
1,243.00	9.01	140.52	1,240.03	-36.94	46.88	58.49	1.32	1.03	5.37
1,274.00	8.92	142.10	1,270.66	-40.71	49.90	63.32	0.85	-0.29	5.10
1,305.00	9.37	143.81	1,301.26	-44.65	52.87	68.23	1.70	1.45	5.52
1,337.00	9.64	142.94	1,332.82	-48.89	56.02	73.51	0.96	0.84	-2.72
1,368.00	10.21	140.14	1,363.36	-53.07	59.34	78.85	2.41	1.84	-9.03
1,400.00	10.49	140.83	1,394.84	-57.50	63.00	84.60	0.96	0.87	2.16
1,431.00	10.93	140.29	1,425.30	-61.95	66.66	90.36	1.46	1.42	-1.74
1,460.00	11.66	140.11	1,453.74	-66.32	70.30	96.04	2.52	2.52	-0.62
1,492.00	11.84	139.56	1,485.06	-71.30	74.50	102.55	0.66	0.56	-1.72
1,524.00	12.12	137.53	1,516.37	-76.27	78.90	109.19	1.58	0.87	-6.34
1,556.00	12.09	138.23	1,547.66	-81.25	83.40	115.90	0.47	-0.09	2.19
1,583.00	12.27	139.27	1,574.05	-85.53	87.15	121.59	1.05	0.67	3.85
1,615.00	12.75	139.37	1,605.29	-90.79	91.67	128.53	1.50	1.50	0.31
1,646.00	12.83	139.49	1,635.52	-96.00	96.14	135.39	0.27	0.26	0.39
1,677.00	12.89	139.20	1,665.74	-101.24	100.63	142.29	0.28	0.19	-0.94
1,708.00	13.17	139.86	1,695.94	-106.55	105.17	149.28	1.02	0.90	2.13
1,739.00	13.52	138.72	1,726.11	-111.98	109.83	156.43	1.41	1.13	-3.68
1,771.00	13.51	138.39	1,757.22	-117.58	114.78	163.91	0.24	-0.03	-1.03
1,864.00	14.13	140.95	1,847.53	-134.52	129.15	186.12	0.94	0.67	2.75
1,957.00	14.46	142.01	1,937.65	-152.49	143.45	209.07	0.45	0.35	1.14
2,051.00	14.90	140.93	2,028.58	-171.12	158.29	232.88	0.55	0.47	-1.15
2,146.00	15.02	139.91	2,120.36	-190.02	173.92	257.40	0.30	0.13	-1.07
2,240.00	14.80	138.22	2,211.20	-208.29	189.76	281.58	0.52	-0.23	-1.80
2,330.00	15.63	139.51	2,298.04	-226.08	205.29	305.20	1.00	0.92	1.43
2,423.00	14.83	138.93	2,387.77	-244.59	221.24	329.63	0.88	-0.86	-0.62
2,516.00	14.60	139.52	2,477.72	-262.47	236.67	353.25	0.30	-0.25	0.63
2,610.00	14.14	139.51	2,568.78	-280.22	251.82	376.58	0.49	-0.49	-0.01
2,703.00	14.32	140.13	2,658.93	-297.68	266.57	399.44	0.25	0.19	0.67
2,797.00	14.70	137.13	2,749.93	-315.35	282.13	422.98	0.90	0.40	-3.19
2,889.00	13.89	137.98	2,839.08	-332.11	297.47	445.68	0.91	-0.88	0.92
2,983.00	13.36	142.62	2,930.44	-349.12	311.61	467.80	1.29	-0.56	4.94
3,077.00	11.21	139.96	3,022.28	-364.75	324.09	487.79	2.36	-2.29	-2.83
3,170.00	12.72	139.16	3,113.26	-379.41	336.60	507.07	1.63	1.62	-0.86
3,264.00	12.39	138.16	3,205.01	-394.76	350.09	527.49	0.42	-0.35	-1.06
3,359.00	12.20	139.21	3,297.83	-409.95	363.45	547.72	0.31	-0.20	1.11
3,453.00	13.45	140.55	3,389.49	-425.91	376.89	568.58	1.37	1.33	1.43
3,548.00	11.20	136.43	3,482.29	-441.13	390.27	588.84	2.54	-2.37	-4.34
3,640.00	12.17	140.52	3,572.39	-455.09	402.59	607.46	1.39	1.05	4.45

# Scientific Drilling

## Survey Report

**Company:** Newfield Exploration Co.  
**Project:** Duchesne County, UT NAD83 UTC  
**Site:** Pleasant Valley H-8-9-17  
**Well:** Pleasant Valley H-8-9-17  
**Wellbore:** OH  
**Design:** OH

**Local Co-ordinate Reference:** Well Pleasant Valley H-8-9-17  
**TVD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**MD Reference:** GL 5244' & RKB 12' @ 5256.00ft (NDSI 2)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Database:** EDM 2003.16 Multi-User Db

### Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,733.00	11.73	140.21	3,663.37	-469.92	414.87	626.72	0.48	-0.47	-0.33
3,826.00	12.25	140.72	3,754.34	-484.82	427.17	646.03	0.57	0.56	0.55
3,919.00	11.73	143.94	3,845.31	-500.10	438.98	665.33	0.91	-0.56	3.46
4,011.00	11.68	143.48	3,935.40	-515.14	450.03	683.95	0.12	-0.05	-0.50
4,103.00	12.10	147.38	4,025.43	-530.75	460.77	702.80	0.99	0.46	4.24
4,197.00	12.68	147.60	4,117.24	-547.76	471.61	722.78	0.62	0.62	0.23
4,290.00	13.13	141.87	4,207.89	-564.69	483.60	743.45	1.46	0.48	-6.16
4,381.00	11.98	140.17	4,296.72	-580.07	496.03	763.23	1.33	-1.26	-1.87
4,476.00	12.09	140.37	4,389.63	-595.30	508.69	783.03	0.12	0.12	0.21
4,569.00	12.70	140.59	4,480.46	-610.70	521.39	802.99	0.66	0.66	0.24
4,659.00	12.14	139.74	4,568.35	-625.57	533.79	822.35	0.65	-0.62	-0.94
4,755.00	12.33	140.84	4,662.17	-641.22	546.79	842.69	0.31	0.20	1.15
4,849.00	11.00	142.20	4,754.23	-656.09	558.62	861.69	1.44	-1.41	1.45
4,943.00	10.59	140.98	4,846.57	-669.89	569.56	879.28	0.50	-0.44	-1.30
5,036.00	9.48	142.18	4,938.14	-682.58	579.63	895.48	1.21	-1.19	1.29
5,131.00	8.69	140.46	5,031.95	-694.29	589.00	910.47	0.88	-0.83	-1.81
5,224.00	8.30	137.72	5,123.93	-704.67	597.99	924.21	0.60	-0.42	-2.95
5,318.00	7.90	133.47	5,216.99	-714.14	607.24	937.41	0.77	-0.43	-4.52
5,410.00	7.13	133.13	5,308.20	-722.39	616.00	949.36	0.84	-0.84	-0.37
5,505.00	6.19	139.49	5,402.56	-730.32	623.63	960.34	1.26	-0.99	6.69
5,598.00	6.10	145.64	5,495.03	-738.21	629.67	970.27	0.71	-0.10	6.61
5,693.00	5.65	149.24	5,589.53	-746.39	634.91	979.90	0.61	-0.47	3.79
5,786.00	5.24	152.16	5,682.11	-754.08	639.24	988.57	0.53	-0.44	3.14
5,880.00	5.01	157.44	5,775.73	-761.67	642.82	996.67	0.56	-0.24	5.62
5,972.00	4.78	155.01	5,867.40	-768.85	645.98	1,004.19	0.34	-0.25	-2.64
6,009.00	4.87	156.32	5,904.27	-771.69	647.26	1,007.19	0.38	0.24	3.54
6,060.00	4.87	156.32	5,955.08	-775.65	649.00	1,011.34	0.00	0.00	0.00

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
PV H-8-9-17	0.00	0.00	5,200.00	-732.00	619.68	7,189,951.04	2,051,834.90	40° 2' 56.245 N	110° 1' 48.951 W
- survey misses target center by 23.86ft at 5304.20ft MD (5203.32 TVD, -712.82 N, 605.87 E)									
- Circle (radius 75.00)									

### Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
375.00	375.00	0.31	-0.17	First MWD Survey
6,060.00	5,955.08	-775.65	649.00	Projection to TD

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> PLEASANT VLY FED H-8-9-17			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0613 FNL 2075 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENW Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013337540000			
<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>COUNTY:</b> DUCHESNE			
<b>STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/19/2016</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER           </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Well Clean Out"/>
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>The above mentioned well has had a history of scale. Newfield will be doing a well clean out of the wellbore with the intention to increase hydrocarbon production and bring the well back up to economic production volumes.</p> </div> <div style="width: 30%; text-align: right;"> <p><b>Accepted by the</b>  <b>Utah Division of</b>  <b>Oil, Gas and Mining</b></p> <p><b>Date:</b> <u>August 25, 2016</u>  <b>By:</b> <u><i>Dark Oust</i></u></p> </div> </div>					
<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech			
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/19/2016				